



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: July 6, 2023

Effective Date: July 6, 2023

Expiration Date: July 5, 2028

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: 46-00029

Synthetic Minor

Federal Tax Id - Plant Code: 23-1386976-12

Owner Information

Name: GLASGOW INC

Mailing Address: PO BOX 1089
GLENSIDE, PA 19038-6089

Plant Information

Plant: GLASGOW INC/SPRINGHOUSE ASPHALT PLANT/QUARRY

Location: 46 Montgomery County 46940 Montgomery Township

SIC Code: 1429 Mining - Crushed And Broken Stone, Nec

Responsible Official

Name: JEFF FRANTZ

Title: VP

Phone: (215) 884 - 8800

Email: jeff.frantz@glasgowinc.com

Permit Contact Person

Name: BRIAN CHABAK

Title: ENVIRONMENTAL MGR

Phone: (215) 884 - 8800

Email: brian.chabak@glasgowinc.com

[Signature] _____

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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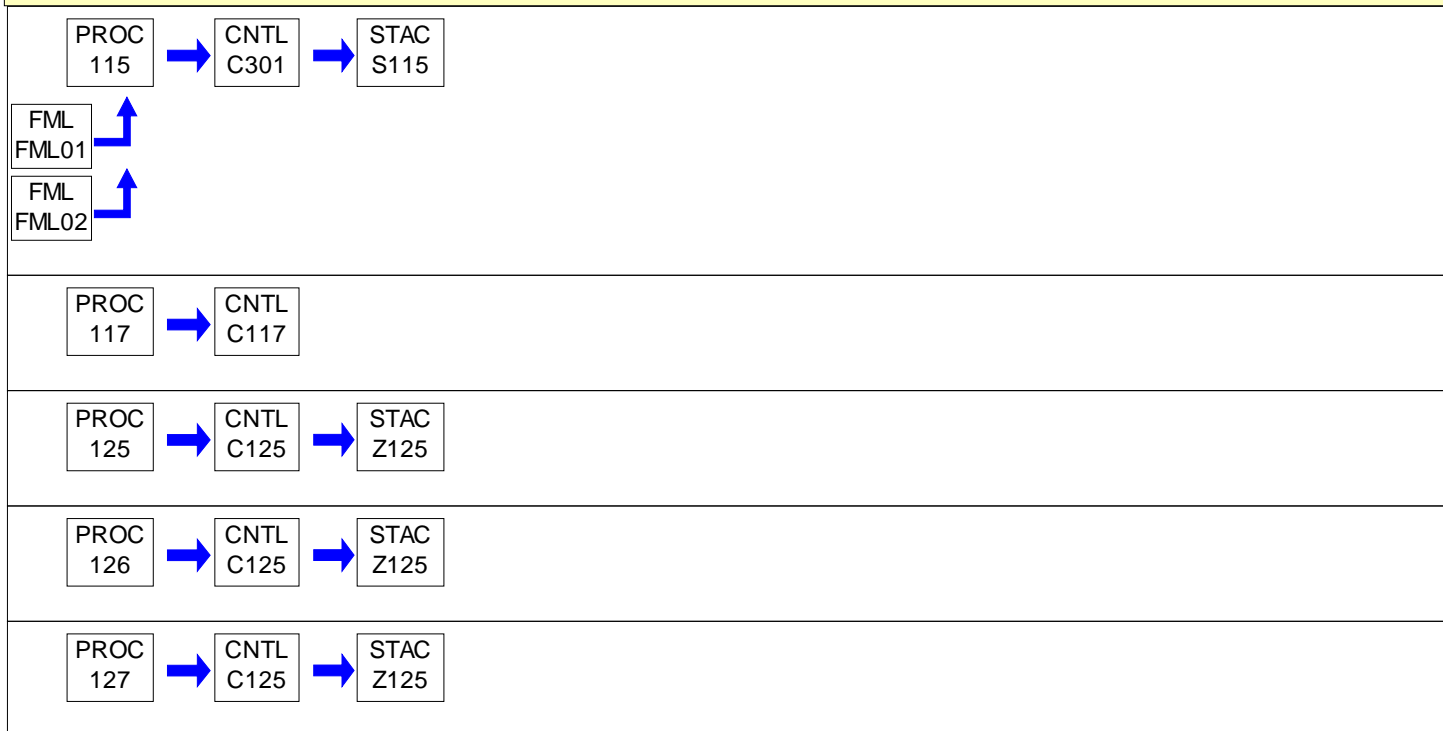
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
115	BATCH ASPHALT PLANT 2	N/A	Natural Gas
		200.000 Tons/HR	ASPHALT
		N/A	#2 Oil
117	ELECTRIC PORTABLE ROCK CRUSHER	125.000 Tons/HR	
125	PRIMARY CRUSHER	500.000 Tons/HR	
126	SECONDARY CRUSHER	275.000 Tons/HR	
127	TERTIARY CRUSHER	275.000 Tons/HR	
128	DOUBLE DECK SCREEN 6 X 16	600.000 Tons/HR	
129	TRIPLE DECK SCREEN 10 X 24	660.000 Tons/HR	
130	CONVEYING AND HANDLING	N/A	
132	VSI CRUSHER		
C107	SCREEN HOUSING FOR 6 X 16 SCREEN		
C117	ELECT PORT ROCK CRUSH WATER SUPPRESSION		
C125	WET DUST SUPPRESSION SYSTEM	N/A	
C129	SCREEN HOUSING FOR 10 X 24 SCREEN		
C301	BC CYCLONE/HERMAN GRANT BAGHOUSE BATCH ASPHALT PLANT 2	N/A	
FML01	NATURAL GAS		
FML02	NO. 2 FUEL OIL		
S115	BATCH ASPHALT PLANT STACK		
Z125	FUGITIVE EMISSIONS		

PERMIT MAPS

**PERMIT MAPS**

PROC
128 → CNTL
C107

PROC
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C129

PROC
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Z125

PROC
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**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 §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (8) N/A
- (9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution; and
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]**Limitations**

A person may not 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.

005 [25 Pa. Code §123.41]**Limitations**

Unless otherwise specified in this permit, a person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

006 [25 Pa. Code §123.42]**Exceptions**

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

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

**SECTION C. Site Level Requirements**

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (1) – (8).

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

(a) The permittee shall limit the amount of nitrogen oxide (NO_x) emissions from this facility to not exceed 24.9 tons per 12-month rolling period.

(b) The permittee shall limit the amount of volatile organic compounds (VOC) emissions from this facility to not exceed 7.0 tons per 12-month rolling period.

(c) The permittee shall limit the amount of particulate matter (PM) emissions from this facility to not exceed 19.6 tons per 12-month rolling period.

008 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

- (a) 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;
- (b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set for the prevention and control of disease or pests, when approved by the Department;
- (d) a fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;
- (e) a fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure;
- (f) a fire set solely for recreational or ceremonial purposes; or
- (g) a fire set solely for cooking food.

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

(a) If EPA Method 9 and the procedures listed in 40 C.F.R. § 60.11 are used to quantify opacity for the crushers, screens, conveying and handling operations, and asphalt plant at this facility, the following procedures shall be added:

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

(2) Unless otherwise specified in this permit, the duration of the U.S. EPA Method 9 observations may be reduced from three (3) hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) when determining compliance with the opacity standard described in Section C Condition #005 for the crushers, screens, conveying and handling operations, and the asphalt plant only if both of the following apply:

- (i) There are no individual readings greater than 20 percent opacity;
- (ii) There are no more than 3 readings of 20 percent for the 1-hour period.

(b) For the method and procedures for paragraph (a) above, if emission from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

(1) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

**SECTION C. Site Level Requirements**

(2) Separate the emissions so that the opacity of emission from each affected facility can be read.

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

(a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

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

(a) The permittee shall email all source test submissions (notifications, protocols, reports, supplemental information, etc.) to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office (email addresses are provided below). Any questions or concerns about source testing submissions can be sent to RA-EPstacktesting@pa.gov and the PSIMS Administrator will address them.

Southeast Region
RA-EPSEstacktesting@pa.gov

Central Office
RA-EPstacktesting@pa.gov

(b) The following pertinent information shall be listed on the title page.

1. Test Date(s)

- a. For protocols, provide the proposed date on which testing will commence or "TBD"
- b. For reports, provide the first and last day of testing

2. Facility Identification Number (Facility - ID): For test programs that were conducted under a multi-site protocol, also include the PF ID under which the protocol was stored in PSIMS, as indicated in the protocol response letter.

3. Source ID(s) for the applicable source(s) and air pollution control device(s): The term Source ID is used in the permit but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment

(c) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Test methods and procedures.**

The following testing requirements apply to Sources 125, 126, 127, 128, 129, and 130.

(a) In conducting the performance tests required in Sec. 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 Section 60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

**SECTION C. Site Level Requirements**

(b) The owner or operator shall determine compliance with the particulate matter standards in Section 60.672(a) as follows:

(1) Method 5 or Method 17 shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5, 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 deg.C (250 deg.F), to prevent water condensation on the filter.

(2) Method 9 and the procedures in Sec. 60.11 shall be used to determine opacity.

(c) (1) In determining compliance with the particulate matter standards in Sec. 60.672 (b) and (c), the owner or operator shall use Method 9 and the procedures in Sec. 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, 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) In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under Sec. 60.672(f) of this subpart, using Method 9, the duration of the Method 9 observations shall be 1 hour (ten 6-minute averages).

(3) When determining compliance with the fugitive emissions standard for any affected facility described under Sec. 60.672(b) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

(i) There are no individual readings greater than 10 percent opacity; and

(ii) There are no more than 3 readings of 10 percent for the 1-hour period.

(4) When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under Sec. 60.672(c) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

(i) There are no individual readings greater than 15 percent opacity; and

(ii) There are no more than 3 readings of 15 percent for the 1-hour period.

(d) In determining compliance with Sec. 60.672(e), the owner or operator shall use Method 22 to determine fugitive emissions. The performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.

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

(1) For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

**SECTION C. Site Level Requirements**

- (i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.
- (ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.
- (f) To comply with Sec. 60.676(d), the owner or operator shall record the measurements as required in Sec. 60.676(c) using the monitoring devices in Sec. 60.674 (a) and (b) during each particulate matter run and shall determine the averages.
- (g) If, after 30 days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting any rescheduled performance test required in this section, the owner or operator of an affected facility shall submit a notice to the Administrator at least 7 days prior to any rescheduled performance test.
- (h) Initial Method 9 performance tests under Sec. 60.11 of this part and Sec. 60.675 of this subpart are not required for:
 - (1) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin.
 - (2) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

III. MONITORING REQUIREMENTS.**# 013 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31).
- (2) Visible Emissions (as per 25 Pa. Code §§123.41 and 123.42).
- (3) Fugitive Particulate Matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) Be investigated;
- (2) Be reported to the facility management, or individual(s) designated by the permittee;
- (3) Have appropriate corrective action taken (for emissions that originate on-site); and
- (4) Be recorded in a permanent written log.

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

The permittee shall maintain recordkeeping formats, for this Operating Permit, as previously approved by the Department.

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s).
- (b) The cause of the event.
- (c) The corrective action taken, if necessary to abate the situation and prevent future occurrences.

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

For each time the facility is monitored for odors, fugitive particulate emissions, and visible emissions, operations personnel shall record their observations and findings.

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall calculate and record the total amount of NO_x, VOC, PM and PM-10 emitted by each source listed in this permit on a monthly and a 12-month rolling basis.

(b) The permittee shall keep the records collected in paragraph (a) for a period of five (5) years, and these records shall be made available to the Department upon request.

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) emissions increase of minor significance without notification to the Department.
- (b) de minimis increases with notification to the Department, via letter.
- (c) increases resulting from a Request for Determination (RFD) to the Department.
- (d) increases resulting from the issuance of a plan approval and subsequent operating permit.

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

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;

**SECTION C. Site Level Requirements**

- (2) Nature and cause of the malfunction, emergency or incident;
 - (3) Date and time when the malfunction, emergency or incident was first observed;
 - (4) Expected duration of excess emissions;
 - (5) Estimated rate of emissions; and
 - (6) Corrective actions or preventative measures taken.
- (d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.
- (e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.
- (f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.
- (g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Part 68.]

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release [25 Pa. Code § 127.441(d) and 40 CFR Part 68] program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).
- (b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:
- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
 - (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.
 - (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.
- (c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.
- (d). If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

**SECTION C. Site Level Requirements**

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

**# 022 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]
Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants
Reporting and recordkeeping.**

The permittee shall comply with the applicable reporting requirements of 40 C.F.R. § 60.676 for Sources 125, 126, 127, 128, 129, and 130.

VI. WORK PRACTICE REQUIREMENTS.

**# 023 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions**

A person responsible for any source specified in Condition #002, of this Section, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(a) Use, where possible, of water or suitable chemicals, as approved by the Department, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(b) Application of asphalt, water, or other suitable chemicals, as approved by the Department, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) 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 by other means.

**# 024 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A, of this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

**# 025 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee may not modify any air contaminant system identified in Sections A or G, of this permit, prior to obtaining Department approval, except those modifications authorized by Condition #011, of Section B, of this permit.

**# 026 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in Section A and Section G, where applicable, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

**SECTION C. Site Level Requirements****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.

#027 31-JUL-23

On or before this date, the permittee shall submit an electronic copy of the complete test report, including all operating conditions, to the Regional Air Quality Manager for approval.

**SECTION D. Source Level Requirements**

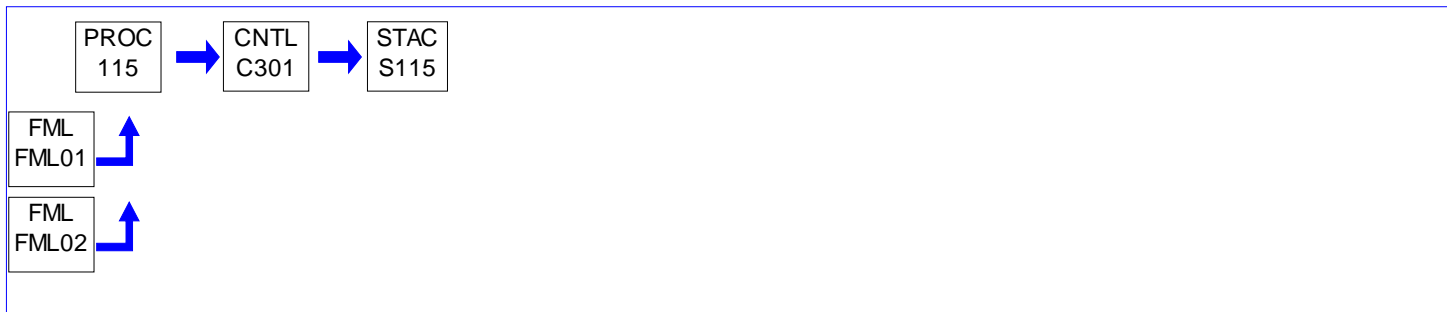
Source ID: 115

Source Name: BATCH ASPHALT PLANT 2

Source Capacity/Throughput:

N/A
200.000 Tons/HR
N/A

Natural Gas
ASPHALT
#2 Oil

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Air emissions from the Asphalt Plant shall not exceed the following:

- (1) Particulate Matter - 8.40 lbs/hr
- (2) Nitrogen Oxides - 24.00 lbs/hr
- (3) Sulfur Oxides - 17.60 lbs/hr
- (4) Carbon Monoxide - 80.00 lbs/hr
- (5) Volatile Organic Compounds - 8.40 lbs/hr
- (6) Hazardous Air Pollutants - 1.540 lbs/hr

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §123.22(e).]

- (a) The permittee shall only burn natural gas or No. 2 fuel oil in the burner of the asphalt plant. Natural gas will be the primary fuel for this source. No. 2 fuel oil is the secondary fuel for this source and is to be used during periods of natural gas curtailment.
- (b) The No. 2 fuel oil that is fired in the burner, shall have no waste oil, recycled oil, or other waste materials added to it.
- (c) The permittee may not use No. 2 fuel oil in the burner that exceeds 0.015% sulfur by weight.
- (d) Fuel delivery receipts showing the percent sulfur in the fuel or fuel analysis records shall be used to demonstrate compliance with the sulfur limitations in condition (c), above.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall be limited to a maximum production rate of 415,000 tons/yr on a 12-month rolling basis.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The maximum production rate for the Asphalt Plant No. 2 shall not exceed 200 tons/hr. [Average daily]

**SECTION D. Source Level Requirements****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Reclaimed asphalt pavement shall be limited to a maximum of 25 percent by weight of total raw material processed by this facility.

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

(a) The permittee shall perform a stack test using Department-approved procedures once every five (5) calendar years, where five (5) calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five (5) years later. In accordance with 25 Pa. Code § 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. The source shall be firing natural gas.

(b) The permittee shall conduct a stack test to determine the emission rates of NO_x, SO_x, VOC, CO, and PM.

(c) EPA Method 5 and EPA Method 202 shall be used to determine the particulate matter concentration emission rate. Additionally, the VOC test results are to be expressed as methane.

(d) At least ninety (90) days prior to the test, the company shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(e) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be notified, in writing, of the date and time of the testing. This notification shall not be made without prior receipt of a protocol acceptance letter from the Department. The Department is under no obligation to accept the results of any testing performed without adequate advance written notice to the Department of such testing. In addition, the emissions testing shall not commence prior to receipt of a protocol acceptance letter from the Department.

(f) At least fifteen (15) days prior to the test, written notification of the date and time of testing shall be sent to the Department's Bureau of Air Quality, Division of Source Testing and Monitoring.

(g) Within thirty (30) days after the source test(s), two (2) copies of the complete report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(h) A complete test report shall include:

(1) A summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits.

(2) A statement of compliance or non-compliance with all applicable permit conditions.

(3) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.

(4) Permit number(s) and condition(s) which are the basis for the evaluation.

(5) Summary of results with respect to each applicable permit condition.

(i) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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

**SECTION D. Source Level Requirements**

- (a) If the permittee should ever use No. 2 fuel oil for 30 or more cumulative days within a 12-month rolling period, the permittee shall perform stack testing to measure emissions of NO_x, CO, SO_x, PM-total, PM-10, and PM-2.5. Stack testing shall be performed no later than 90 days following the 30th day of cumulative fuel oil usage.
- (b) Stack testing shall be performed while using No. 2 fuel oil.
- (c) The permittee shall perform a stack test on the Asphalt Plant (Source ID 115) in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department.
- (d) EPA Method 5 and EPA Method 202 shall be used to determine the particulate matter concentration. EPA Method 9 shall be used to determine opacity. additionally, the VOC test results are to be expressed as methane.
- (e) At least ninety (90) days prior to the test, the company shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
- (f) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be notified, in writing, of the date and time of the testing. This notification shall not be made without prior receipt of a protocol acceptance letter from the Department. The Department is under no obligation to accept the results of any testing performed without adequate advance written notice to the Department of such testing. In addition, the emissions testing shall not commence prior to receipt of a protocol acceptance letter from the Department.
- (g) At least fifteen (15) days prior to the test, written notification of the date and time of testing shall be sent to the Department's Bureau of Air Quality, Division of Source Testing and Monitoring.
- (h) Within thirty (30) days after the source test(s), two (2) copies of the complete report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.
- (i) A complete test report shall include:
- (1) A summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits.
 - (2) A statement of compliance or non-compliance with all applicable permit conditions.
 - (3) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
 - (4) Permit number(s) and condition(s) which are the basis for the evaluation.
 - (5) A Summary of results with respect to each applicable permit condition.
- (j) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

008 [25 Pa. Code §139.16]**Sulfur in fuel oil.**

- (a) The following are applicable to the analysis of commercial fuel oil:
- (1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).
 - (2) Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).
 - (3) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

**SECTION D. Source Level Requirements**

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, showing the maximum percent sulfur in the fuel, is obtained each time a fuel oil delivery is made.

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

The permittee shall monitor for the following on a daily basis when Source 115 is in operation:

- (a) The type of fuel used in the rotary dryer.
- (b) The amount of each type of fuel used in the rotary dryer.
- (c) The amount of asphalt paving material produced and what type of fuel it was produced on.
- (d) The number of hours that this source is in operation.
- (e) The baghouse damper position.

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

(a) The permittee shall record the following on a daily basis when Source 115 is in operation:

- (1) The type of fuel used in the rotary dryer.
- (2) The amount of each type of fuel used in the rotary dryer.
- (3) The amount of asphalt paving materials produced and what type of fuel it was produced on.
- (4) The number of hours that this source is in operation.
- (5) Calculate and record the asphalt production rate in tons/hour.
- (6) The baghouse damper position.
- (7) The baghouse damper position during the last compliant stack test.

(b) The permittee shall calculate and record the following emissions on a monthly basis and a 12-month rolling basis.

- (1) Particulate Matter (PM, PM-10, PM-2.5)
- (2) Nitrogen Oxides
- (3) Sulfur Oxides
- (4) Carbon Monoxide
- (5) Volatile Organic Compounds
- (6) Hazardous Air Pollutants

(c) The permittee shall calculate and record the total amount of asphalt produced by this source on a monthly basis and a 12-month rolling basis.

(d) The permittee shall calculate and record the total hours that this source is in operation on a monthly basis and a 12-month rolling basis.

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

The permittee shall keep records of testing for the sulfur content of the fuel or delivery receipts with the certification of the sulfur content of the fuel for each delivery of No. 2 Fuel Oil to the facility.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate all the equipment listed under this source in accordance with manufacturer's specifications.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall conduct a burner tuning procedure in accordance with the manufacturer's specifications to minimize NOx and CO emissions each year.
- (b) The permittee shall within four (4) weeks of initial start up or no later than June 15 of each year conduct an annual burner tune-up.
- (c) The burner shall be tuned so that the emissions do not exceed limits stated in this plan approval.
- (d) The air-to-fuel ratio controls shall be inspected and adjusted to ensure proper operation in accordance with the manufacturer's specifications.
- (e) Monitoring records stating the following information shall be kept on site for a minimum of five years and shall be made available to the Department upon request.
- (1) The date of the tuning procedure;
 - (2) The name of the servicing company and technician;
 - (3) The production rate (tons/hr) or load before and after tuning;
 - (4) The CO and NOx concentrations (ppmvd) before and after tuning; and
 - (5) The percent O2 before and after tuning.

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

The equipment operated under Source ID No. 115 are placed in the following categories:

- (a) Ducted Emissions controlled by Source ID No. C301:
- (1) Rotary Dryer (also has fugitive emissions from the loading of aggregate into the dryer)
 - (2) Bucket Elevator
 - (3) Hot Screens
 - (4) Hot Bins
 - (5) Mixer
 - (6) Hot Side Conveying
 - (7) Classifying
- (b) Fugitive Emissions:
- (1) Cold Aggregate Bins (loading and unloading)
 - (2) RAP Bins and Conveyor
 - (3) Asphalt Cement Storage
 - (4) Truck Load-out
 - (5) Post-truck Load-out
 - (6) Silo Filling

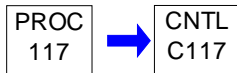
**SECTION D. Source Level Requirements**

Source ID: 117

Source Name: ELECTRIC PORTABLE ROCK CRUSHER

Source Capacity/Throughput: 125.000 Tons/HR

Conditions for this source occur in the following groups: PORTABLE CRUSH

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The maximum throughput for the portable crusher shall not exceed 125 tons per hour. [Daily average]

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 monitor the number of hours of operation for this source on a daily basis when this source is in operation.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount of material processed by this source on a daily basis when this source is in operation.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall calculate and record the total amount of particulate matter emitted from this source on a monthly basis and a 12-month rolling basis. Records shall be kept on file for a period of five (5) years, and the records shall be made available to the Department upon request.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

When this source is in operation, the permittee shall on a daily basis:

- Record the number of hours of operation for this source.
- Record the amount of material processed by this source.
- Calculate and record the rate of material processed in tons/hour.

Records shall be kept for a period of five (5) years, and the records shall be made available to the Department upon request.

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

(a) The permittee shall keep a record of all inspections and/or maintenance that is performed on the water suppression system associated with this source.

(b) The data obtained in paragraph (a) above shall be kept on file for a period of five (5) years, and the files shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

The permittee shall operate and maintain this source and associated air pollution control device in accordance with manufacturer's specifications and good engineering practices.

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

The permittee shall inspect and/or maintain the water suppression system associated with this source on at least a monthly basis.

VII. ADDITIONAL REQUIREMENTS.**# 009 [25 Pa. Code §127.641]****Application for use of plan approvals and operating permits for portable sources.**

The permittee shall be authorized to operate the portable nonmetallic mineral processing plant at multiple temporary locations provided it meets all of the following conditions:

(1) The permittee shall provide written notification to both the Department and the affected municipality including the destination and duration of each temporary change of location at least 10 days prior to the move. Separate application forms and fees may be required to be submitted for each change in location.

(2) The permittee shall not modify the portable nonmetallic mineral processing plant or its associated water spray dust suppression system.

(3) The permittee shall receive written approval, and operate and maintain the portable nonmetallic mineral processing plant in accordance with all necessary regulations and permits that are required by the governing agency in which the source will be located.

(4) The permittee shall maintain records or a permanent log, of all changes in location, which includes, for each location, the dates of transfer, hours of operation, and production data.

(5) The permittee shall operate and maintain the portable nonmetallic mineral processing plant in a manner consistent with good air pollution control practices and in accordance with manufacturer's specifications.

(6) The Department shall receive written notice from the permittee at least 7 days prior to the expected date of return of the portable nonmetallic mineral processing plant to its location for which a Plan Approval/Operating Permit was authorized. There shall be no modification of the crusher or its associated equipment and control device when returned to the

**SECTION D. Source Level Requirements**

Montgomery Township facility.

(7) The portable nonmetallic mineral processing plant and all its associated equipment and dust suppression system shall be made available at least 60 days prior to the expiration of the Operating Permit (returned and present at its permanent site) for Operating Permit inspections, when necessary. An operating permit shall not be renewed without an inspection while in operation at the Montgomery Township facility.

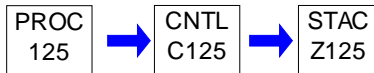
**SECTION D. Source Level Requirements**

Source ID: 125

Source Name: PRIMARY CRUSHER

Source Capacity/Throughput: 500.000 Tons/HR

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The rated capacity of the primary crusher shall be 500 tons per hour (TPH).

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The owner/operator shall conduct performance tests on the crusher and transfer points to determine opacity every five (5) years or once within the life of the permit. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and 40 C.F.R. § 60.675. Such testing shall be conducted at least 12 months prior to the expiration of this permit. The test results shall be submitted for review no later than 6 months before the permit expiration.

(b) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(c) At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of opacity reading(s).

(d) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(e) In addition to the above testing, if at any time the Department has cause to believe that air contaminant emissions from the crusher or any associated equipment, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(f) Such testing (referred in (e) above) shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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).

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

The following records must be entered into a bound logbook or kept in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

- (a) Records of hours of operation of the crusher shall be kept on daily basis
- (b) Records of daily visible emissions and fugitive particulate emissions readings
- (c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis
- (d) If visible and/or fugitive particulate emissions deviate from the requirements of this Operating Permit, then the permittee shall keep the following records:
 - (1) The date, time, and location of the incident(s)
 - (2) The cause of the event
 - (3) The corrective action(s) taken, if necessary, to abate the situation and prevent future occurrences.
- (e) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

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

The primary crusher shall be a Lippman 4248.

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

- (a) Prior to any addition of sources to or modification of the primary crusher, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.
- (b) There shall be no change in number of transfer points associated with this crusher.
- (c) Emissions of particulate matter from the primary crusher and associated equipment shall be controlled by a Wet Dust Suppression System (Source ID C125).
- (d) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division

**SECTION D. Source Level Requirements**

U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

006 [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.

The primary crusher is subject to 40 C.F.R. Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

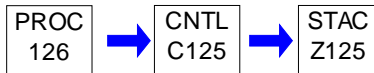
**SECTION D. Source Level Requirements**

Source ID: 126

Source Name: SECONDARY CRUSHER

Source Capacity/Throughput: 275.000 Tons/HR

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The rated capacity of the secondary crusher shall be 275 tons per hour (TPH).

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The owner/operator shall conduct performance tests on the crusher and transfer points to determine opacity every five (5) years or once within the life of the permit. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and 40 C.F.R. § 60.675. Such testing shall be conducted at least 12 months prior to the expiration of this permit. The test results shall be submitted for review no later than 6 months before the permit expiration.

(b) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(c) At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of opacity reading(s).

(d) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(e) In addition to the above testing, if at any time the Department has cause to believe that air contaminant emissions from the crusher or any associated equipment, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(f) Such testing (referred in (e) above) shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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).

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

The following records must be entered into a bound logbook or kept in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

- (a) Records of hours of operation of the crusher shall be kept on daily basis
- (b) Records of daily visible emissions and fugitive particulate emissions readings
- (c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis
- (d) If visible and/or fugitive particulate emissions deviate from the requirements of this Operating Permit, then the permittee shall keep the following records:
 - (1) The date, time, and location of the incident(s)
 - (2) The cause of the event
 - (3) The corrective action(s) taken, if necessary, to abate the situation and prevent future occurrences.
- (e) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

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

The secondary crusher shall be a Telsmith Model 57SBS-SP.

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

- (a) Prior to any addition of sources to or modification of the secondary crusher, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.
- (b) There shall be no change in number of transfer points associated with this crusher.
- (c) Emissions of particulate matter from the secondary crusher and associated equipment shall be controlled by a Wet Dust Suppression System (Source ID C125).
- (d) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division

**SECTION D. Source Level Requirements**

U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

006 [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.

The secondary crusher is subject to 40 C.F.R. Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

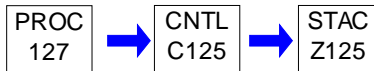
**SECTION D. Source Level Requirements**

Source ID: 127

Source Name: TERTIARY CRUSHER

Source Capacity/Throughput: 275.000 Tons/HR

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The rated capacity of the tertiary crusher shall be 275 tons per hour (TPH).

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The owner/operator shall conduct performance tests on the crusher and transfer points to determine opacity every five (5) years or once within the life of the permit. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and 40 C.F.R. § 60.675. Such testing shall be conducted at least 12 months prior to the expiration of this permit. The test results shall be submitted for review no later than 6 months before the permit expiration.

(b) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(c) At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of opacity reading(s).

(d) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(e) In addition to the above testing, if at any time the Department has cause to believe that air contaminant emissions from the crusher or any associated equipment, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(f) Such testing (referred in (e) above) shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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).

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

The following records must be entered into a bound logbook or kept in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

- (a) Records of hours of operation of the crusher shall be kept on daily basis
- (b) Records of daily visible emissions and fugitive particulate emissions readings
- (c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis
- (d) If visible and/or fugitive particulate emissions deviate from the requirements of this Operating Permit, then the permittee shall keep the following records:
 - (1) The date, time, and location of the incident(s)
 - (2) The cause of the event
 - (3) The corrective action(s) taken, if necessary, to abate the situation and prevent future occurrences.
- (e) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

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

- (a) Prior to any addition of sources to or modification of the tertiary crusher, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.
- (b) There shall be no change in number of transfer points associated with this crusher.
- (c) Emissions of particulate matter from the tertiary crusher and associated equipment shall be controlled by a Wet Dust Suppression System (C125).
- (d) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

**SECTION D. Source Level Requirements**

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The tertiary crusher shall be a Telsmith Model 52SBS-CC.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]

Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants

Applicability and designation of affected facility.

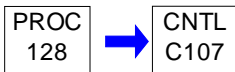
The tertiary crusher is subject to 40 C.F.R. Part 60, Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants.

**SECTION D. Source Level Requirements**

Source ID: 128

Source Name: DOUBLE DECK SCREEN 6 X 16

Source Capacity/Throughput: 600.000 Tons/HR

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS
SCREENS**I. RESTRICTIONS.****Throughput Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This screen shall have dimensions of 6' x 16' and a rated capacity of 600 tons per hour.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The owner/operator shall conduct performance tests on the double deck screen 6 x 16 and transfer points to determine opacity every five (5) years or once within the life of the permit. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and 40 C.F.R. § 60.675. Such testing shall be conducted at least 12 months prior to the expiration of this permit. The test results shall be submitted for review no later than 6 months before the permit expiration.

(b) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(c) At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of opacity reading(s).

(d) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(e) In addition to the above testing, if at any time the Department has cause to believe that air contaminant emissions from the crushers or any associated equipment, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(f) Such testing (referred in (e) above) shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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).

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

The following records must be entered into a bound logbook or kept in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

- (a) Records of hours of operation of the crusher shall be kept on daily basis
- (b) Records of daily visible emissions and fugitive particulate emissions readings
- (c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis
- (d) If visible and/or fugitive particulate emissions deviate from the requirements of this Operating Permit, then the permittee shall keep the following records:
 - (1) The date, time, and location of the incident(s)
 - (2) The cause of the event
 - (3) The corrective action(s) taken, if necessary, to abate the situation and prevent future occurrences.
- (e) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

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.**

The permittee shall only operate this source if the screen housing (Source ID C107) is in place.

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

The double deck screen 6 x 16 shall be manufactured by Conweld.

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

- (a) Prior to any addition of sources to or modification of this screen, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.
- (b) There shall be no change in number of transfer points associated with this screen.
- (c) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA, Region III
1650 Arch Street

**SECTION D. Source Level Requirements**

Philadelphia, PA 19103-2029

007 [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.

The double deck screen 6 x 16 is subject to 40 C.F.R. Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

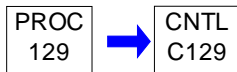
**SECTION D. Source Level Requirements**

Source ID: 129

Source Name: TRIPLE DECK SCREEN 10 X 24

Source Capacity/Throughput: 660.000 Tons/HR

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS
SCREENS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This screen shall have dimensions of 10' x 24' and a rated capacity of 660 tons per hour.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The owner/operator shall conduct performance tests on the triple deck screen 10 x 24 and transfer points to determine opacity every five (5) years or once within the life of the permit. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and 40 C.F.R. § 60.675. Such testing shall be conducted at least 12 months prior to the expiration of this permit. The test results shall be submitted for review no later than 6 months before the permit expiration.

(b) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(c) At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of opacity reading(s).

(d) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(e) In addition to the above testing, if at any time the Department has cause to believe that air contaminant emissions from the crushers or any associated equipment, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(f) Such testing (referred in (e) above) shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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).

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

The following records must be entered into a bound logbook or kept in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

- (a) Records of hours of operation of the crusher shall be kept on daily basis
- (b) Records of daily visible emissions and fugitive particulate emissions readings
- (c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis
- (d) If visible and/or fugitive particulate emissions deviate from the requirements of this Operating Permit, then the permittee shall keep the following records:
 - (1) The date, time, and location of the incident(s)
 - (2) The cause of the event
 - (3) The corrective action(s) taken, if necessary, to abate the situation and prevent future occurrences.
- (e) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

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.**

The permittee shall only operate this source if the screen housing (Source ID C129) is in place.

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

- (a) Prior to any addition of sources to or modification of this screen, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.
- (b) There shall be no change in number of transfer points associated with this screen.
- (c) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

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

**SECTION D. Source Level Requirements**

The triple deck screen 10 x24 shall be manufactured by Diester.

007 [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.

The triple deck screen 10 x24 is subject to 40 C.F.R. Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

**SECTION D. Source Level Requirements**

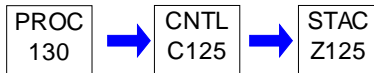
Source ID: 130

Source Name: CONVEYING AND HANDLING

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS

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

(a) The owner/operator shall conduct performance tests on the transfer points to determine opacity every five (5) years or once within the life of the permit. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and 40 C.F.R. § 60.675. Such testing shall be conducted at least 12 months prior to the expiration of this permit. The test results shall be submitted for review no later than 6 months before the permit expiration.

(b) At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.

(c) At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of opacity reading(s).

(d) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(e) In addition to the above testing, if at any time the Department has cause to believe that air contaminant emissions from the crushers or any associated equipment, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(f) Such testing (referred in (e) above) shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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

The following records must be entered into a bound logbook or kept in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

**SECTION D. Source Level Requirements**

- (a) Records of hours of operation of the conveying and handling system shall be kept on daily basis
- (b) Records of daily visible emissions and fugitive particulate emissions readings
- (c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis.
- (d) If visible and/or fugitive particulate emissions deviate from the requirements of this Operating Permit, then the permittee shall keep the following records:
 - (1) The date, time, and location of the incident(s)
 - (2) The cause of the event
 - (3) The corrective action(s) taken, if necessary, to abate the situation and prevent future occurrences.
- (e) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The following is a list of equipment associated with the conveying and handling system:

width, inches

- Primary Belt Conveyor - 42
- Ballast Conveyor (6 x 16 screen upper outlet) - 24
- 2A Conveyor (6 x 16 screen mid outlet) - 18
- 345 Conveyor (6 x 16 screen lower outlet) - 24
- Banana Conveyor (Conveyor #1 at tertiary crusher outlet) - 42
- Conveyor #2 at tertiary crusher outlet - 42
- Return Conveyor (Conveyor at tertiary crusher inlet) - 36
- 2 - conveyors at C129 screen housing - 24
- 3 - 24" x 25' conveyors for Source No. 132 (VSI Crusher)

3 storage bins (in 6 sections)

- (b) Prior to any addition of sources to or modification of the conveying and handling system, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.
- (c) There shall be no change in number of transfer points associated with the conveying and handling system.
- (d) Emissions of particulate matter from the conveying and handling system shall be controlled by a Wet Dust Suppression System (C125).

**SECTION D. Source Level Requirements**

(e) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]

Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants

Applicability and designation of affected facility.

The conveying and handling system is subject to 40 C.F.R. Part 60, Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants.

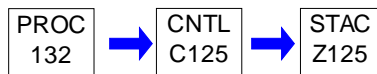
**SECTION D. Source Level Requirements**

Source ID: 132

Source Name: VSI CRUSHER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: CRUSHERS/ SCREENS

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

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

Compliance with 25 Pa. Code Section 123.1 shall be considered compliance with 40 CFR Part 60 Subpart OOO, Section 60.672.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]

**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Standard for particulate matter.**

The permittee must meet the fugitive emission limit of 12 percent opacity for crushers at which a capture system is not used.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The rated capacity of the VSI crusher shall be 100 tons per hour.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The following records must be recorded in a permanent manner readily available upon the Department's request. Records must be kept, at the minimum, for a period of five (5) years.

(a) Records of hours of operation of the crusher shall be kept on daily basis.

(b) Records of daily visible emissions and fugitive particulate emissions readings.

(c) Records of emissions of PM, PM10, and PM2.5 shall be kept on a monthly basis and a 12-month rolling sum basis.

(d) Records shall be maintained in a format and time frame consistent with the monitoring requirements of this Operating Permit and as approved by the Department.

**SECTION D. Source Level 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) 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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Emissions of particulate matter from the VSI crusher and associated equipment shall be controlled by a Wet Dust Suppression System (Source ID C125).

(b) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

**SECTION D. Source Level Requirements**

Source ID: C125

Source Name: WET DUST SUPPRESSION SYSTEM

Source Capacity/Throughput:

N/A

I. RESTRICTIONS.**Operation Hours Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The mineral crushing plant, to include any individual source within the mineral crushing plant, shall not be operated if any component of the wet dust suppression system fails to work, malfunctions, or operates with reduced control efficiency.

Control Device Efficiency Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The wet dust suppression system associated with this source shall be operated on any and all occasions that any individual source (Source IDs 125, 126, 127, 128, 129 and 130) comprising the crushing plant is operated, except in those unusual instances where conditions are such that operation of the source without the simultaneous operation of the water spray system can take place without creating air contaminant emissions in excess of the limitations specified in this permit. If, however, the wet dust suppression system associated with this source is incapable of operation due to weather conditions or any other reason, these sources may not be operated at all.

(b) The wet dust suppression system shall be operated efficiently and shall not at any time cause the emission of fugitive air contaminant from the controlled sources in excess of the limitations specified in 25 Pa. Code Section 123.1.

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

The wet dust suppression system shall be inspected daily, when the plant is operating, for the following:

- (1) Spray nozzles for: plugging, alignment and condition.
- (2) Hoses for: condition, leaks, and loose hose clamps.

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

(a) The following records shall be kept in a bound logbook on a daily basis.

(1) Records of the daily inspection of the wet suppression system.

(b) The following records shall be kept if any components of the wet dust suppression system malfunction.

- (1) The date, time and type of malfunction.
- (2) The cause of the malfunction.
- (3) The corrective actions taken to correct the malfunction.

(c) The above records shall be kept for a period of five years.

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

(a) No modifications may be made to the wet dust suppression system without prior written approval from the Department.

(b) The wet dust suppression system shall control the following:

Controlled Sources:

Line 1: primary crusher and feed hopper

Line 2: secondary, tertiary crusher, conveying and handling system

(c) The wet dust suppression system shall incorporate the cold weather options, including: an air purge system, and the anti-freeze injection system.

(d) The company shall maintain a sufficient amount of spare spray nozzles on site.

(e) Water flow to the crushing plant shall be a minimum of 4 gpm.

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

The pumps for the wet suppression system include the following.

Pump #	Manufacturer and Model
P1	Aurora 341A-BF (2x2.5x7A 3500RPM)
P2	Gould Model 45-70HB
P3	Gould Model 3656

**SECTION D. Source Level Requirements**

Source ID: C301

Source Name: BC CYCLONE/HERMAN GRANT BAGHOUSE BATCH ASPHALT PLANT 2

Source Capacity/Throughput:

N/A

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from this control device at any time, in excess of 0.02 gr/dscf.

Control Device Efficiency Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the baghouse shall be between 1.0 - 6.0 in. w.g. when the baghouse is operating.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pulse jet cleaning process shall be set to activate between the pressure drops of 5.0 - 6.0 in. w.g. when the baghouse is operating.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the pressure drop across the baghouse on a daily basis when cyclone/baghouse is in operation.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of all inspections and/or maintenance that is performed on this cyclone/baghouse, any deficiencies, and any corrective action taken.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the pressure drop across the baghouse on a daily basis when the baghouse is in operation.

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.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain this cyclone/baghouse in accordance with manufacturer's specifications and good air pollution control practices.

**SECTION D. Source Level Requirements****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for this cyclone/baghouse in order to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of this source.

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

The permittee shall inspect and/or maintain this cyclone/baghouse on at least a monthly basis.

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

The baghouse shall be equipped with a differential pressure gauge.

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

Additional ductwork shall be installed at the pugmill to ensure emissions are captured, when recycled asphalt pavement is introduced into the asphalt mix. This ductwork shall be installed and maintained in accordance with the company's Minor Modification proposal submitted to the Department on May 18, 2006.

**SECTION E. Source Group Restrictions.**

Group Name: CRUSHERS/ SCREENS

Group Description: Sources 125, 126, 127, 128, 129,130, 132

Sources included in this group

ID	Name
125	PRIMARY CRUSHER
126	SECONDARY CRUSHER
127	TERTIARY CRUSHER
128	DOUBLE DECK SCREEN 6 X 16
129	TRIPLE DECK SCREEN 10 X 24
130	CONVEYING AND HANDLING
132	VSI CRUSHER

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.**# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

The following testing requirements apply to Sources 125, 126, 127, 128, 129, and 130.

(a) In conducting the performance tests required in Sec. 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 Section 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 particulate matter standards in Section 60.672(a) as follows:

(1) Method 5 or Method 17 shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5, 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 deg.C (250 deg.F), to prevent water condensation on the filter.

(2) Method 9 and the procedures in Sec. 60.11 shall be used to determine opacity.

(c) (1) In determining compliance with the particulate matter standards in Sec. 60.672 (b) and (c), the owner or operator shall use Method 9 and the procedures in Sec. 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, 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) In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under Sec. 60.672(f) of this subpart, using Method 9, the duration of the Method 9 observations shall be 1 hour (ten 6-minute averages).

(3) When determining compliance with the fugitive emissions standard for any affected facility described under Sec. 60.672(b) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages)

**SECTION E. Source Group Restrictions.**

to 1 hour (ten 6-minute averages) only if the following conditions apply:

- (i) There are no individual readings greater than 10 percent opacity; and
- (ii) There are no more than 3 readings of 10 percent for the 1-hour period.

(4) When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under Sec. 60.672(c) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- (i) There are no individual readings greater than 15 percent opacity; and
- (ii) There are no more than 3 readings of 15 percent for the 1-hour period.

(d) In determining compliance with Sec. 60.672(e), the owner or operator shall use Method 22 to determine fugitive emissions. The performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.

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

(1) For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

- (i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.
- (ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.

(f) To comply with Sec. 60.676(d), the owner or operator shall record the measurements as required in Sec. 60.676(c) using the monitoring devices in Sec. 60.674 (a) and (b) during each particulate matter run and shall determine the averages.

(g) If, after 30 days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting any rescheduled performance test required in this section, the owner or operator of an affected facility shall submit a notice to the Administrator at least 7 days prior to any rescheduled performance test.

(h) Initial Method 9 performance tests under Sec. 60.11 of this part and Sec. 60.675 of this subpart are not required for:

- (1) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin.
- (2) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the following information for Source IDs 125, 126, 127, 128, 129, 130, and 132 daily, monthly and

**SECTION E. Source Group Restrictions.**

a 12-month rolling sum basis:

- (1) The amount of material delivered to the stone crushing plant from the onsite quarry.
- (2) The hours of operation of the entire stone crushing plant.

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

When this source is in operation, the permittee shall on a daily basis:

- a. Record the number of hours of operation for this source.
- b. Record the amount of material processed by this source.
- c. Calculate and record the rate of material processed in tons/hour.

V. REPORTING REQUIREMENTS.**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

The permittee shall comply with the applicable reporting requirements of 40 C.F.R. § 60.676 for Sources 125, 126, 127, 128, 129, and 130.

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

- (a) All of the power requirements for the crushing plant, represented by Source IDs 125, 126, 127, 128, 129, 130, and 132 shall be electric power supplied by an electric utility.
- (b) If a change from condition (a) is required, the permittee shall submit a Plan Approval or a Request for Determination

**SECTION E. Source Group Restrictions.**

Group Name: PORTABLE CRUSH

Group Description: Portable Crusher Source ID No. 117

Sources included in this group

ID	Name
117	ELECTRIC PORTABLE ROCK CRUSHER

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

The permittee shall monitor the amount of material processed by this source on a daily basis when this source is in operation.

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

The permittee shall record the amount of material processed by this source on a daily basis when this source is in operation. Records shall be kept for a period of five (5) years, and the records shall be made available to the Department upon request.

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall keep a record of all inspections and/or maintenance that is performed on the water suppression system associated with this source.

(b) The data obtained in paragraph (a) above shall be kept on file for a period of five (5) years, and the files shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

The permittee shall inspect and/or maintain the water suppression system associated with this source on at least a monthly basis.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: SCREENS

Group Description: Two triple deck screens

Sources included in this group

ID	Name
128	DOUBLE DECK SCREEN 6 X 16
129	TRIPLE DECK SCREEN 10 X 24

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

(a) Prior to any addition of sources to or modification of this screen, as described by 25 Pa. Code § 121.1, the permittee shall either submit a Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) or submit a Plan Approval application, whichever is appropriate.

(b) There shall be no change in number of transfer points associated with this screen.

(c) In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
115	BATCH ASPHALT PLANT 2

Emission Limit	Pollutant
58.500 Tons/Yr	CO
1.130 Tons/Yr	Hazardous Air Pollutants
17.550 Tons/Yr	NOX
12.830 Tons/Yr	SOX
6.140 Tons/Yr	TSP
1.200 Tons/Yr	VOC

Site Emission Restriction Summary

Emission Limit		Pollutant
7.000 Tons/Yr	Maximum not to exceed facility limit on a 12-month rolling basis	VOC
19.600 Tons/Yr	Maximum not to exceed facility limit on a 12-month rolling basis	TSP
24.900 Tons/Yr	Maximum not to exceed facility limit on a 12-month rolling basis	NOX

**SECTION H. Miscellaneous.**

- (1) The following operating permits serve as a basis for certain terms and conditions in this State Only Operating Permit:
 - (a) 46-310-058GP.
 - (b) OP-46-0029.
 - (c) AQ-SE-0001.
- (2) The throughputs and/or capacities listed in Sections A and D of this permit are used for descriptive purposes. These throughputs and/or capacities are not considered limitations or enforceable conditions by the Department.
- (3) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:
 - (a) One 10,000 gallon aboveground storage tank for No. 2 Fuel Oil used in the batch asphalt plant (Source ID No. 115).
- (4) The following Plan Approvals are incorporated in this Operating Permit:
 - (a) 46-0029A amended issuance (Auth 698760 APS 471590) 12/7/2007.
 - (b) 46-0029D amended issuance (Auth 805931 APS 471590) herein.
- (5) Asphalt Plant No. 1 is also located at this site and is out of service.
- (6) For the 2011 operating permit renewal, Source #501 was removed from the facility and also from the operating permit, Authorization No. 867871.
- (7) Under this authorization, No. 1015907, PA 46-0029E is incorporated into this operating permit.
- (8) Under this authorization, No. 1132791, PA 46-0029F is incorporated into this operating permit.
- (9) Under this authorization, No. 1109515, renewal of operating permit.
- (10) Authorization, No. 1384104, renewal of operating permit.



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