



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: January 4, 2024 Effective Date: August 31, 2026
Revision Date: August 31, 2026 Expiration Date: January 3, 2029
Revision Type: Amendment

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: 46-00236

Synthetic Minor

Federal Tax Id - Plant Code: 24-0649400-40

Owner Information

Name: HEIDELBERG MATERIALS NORTHEAST LLC
Mailing Address: 409 STENTON AVE
FLOURTOWN, PA 19031-1327

Plant Information

Plant: HEIDELBERG MATERIALS NE LLC /PERKIOMENVILLE
Location: 46 Montgomery County 46939 Marlborough Township
SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

Responsible Official

Name: MIKE SULLIVAN
Title: VP / GENERAL MANAGER
Phone: (610) 729 - 1400 Email: Mike.sullivan@heidelbergmaterials.com

Permit Contact Person

Name: HEATH BROWN
Title: ENV MGR
Phone: (610) 729 - 1360 Ext.391 Email: heath.brown@heidelbergmaterials.com

[Signature] _____
JILLIAN A. GALLAGHER, SOUTHEAST REGION AIR PROGRAM MANAGER



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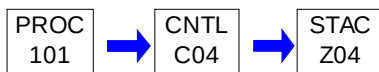
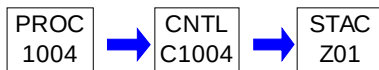
- F-I: Restrictions
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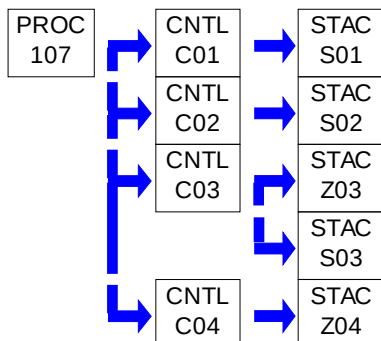
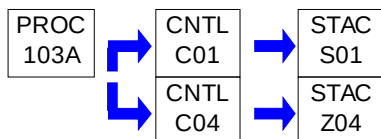
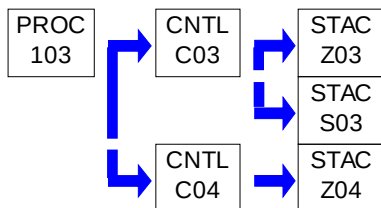
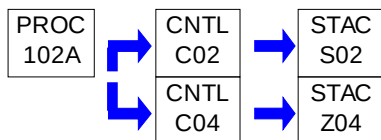
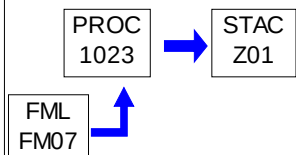
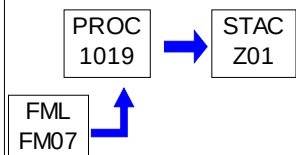
**SECTION A. Site Inventory List**

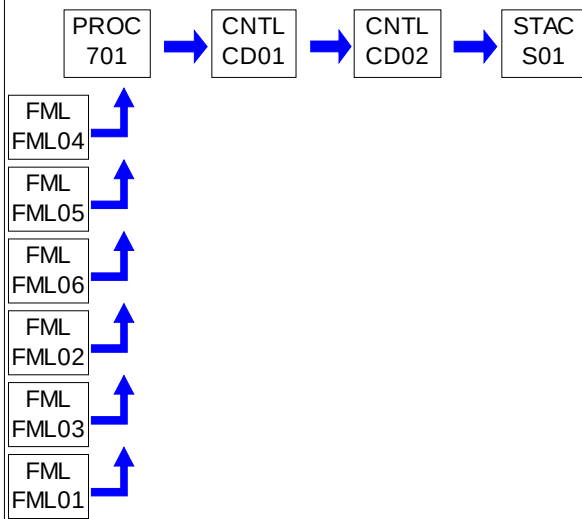
Source ID	Source Name	Capacity/Throughput	Fuel/Material
1004	PORTABLE CRUSHER - KLEEMANN	350.000 Tons/HR	AGGREGATE
101	PRIMARY JAW CRUSHER	330.000 Tons/HR	
1019	SCANIA 494 HP ENGINE FOR PORTABLE CRUSHER 1004	N/A	Diesel Fuel
1022	PORTABLE CRUSHER (P1)	350.000 Tons/HR	AGGREGATE
1023	SCANIA ENGINE FOR PORTABLE CRUSHER 1022 (P1)	N/A	Diesel Fuel
102A	SECONDARY CONE CRUSHER 2	485.000 Tons/HR	
103	TERTIARY CONE CRUSHER	270.000 Tons/HR	
103A	TERTIARY CONE CRUSHERS II & SCREEN	584.000 Tons/HR	
107	SCREENS		
701	BATCH ASPHALT PLANT	360.000 Tons/HR	ASPHALT
C01	BAGHOUSE 1		
C02	BAGHOUSE 2		
C03	BAGHOUSE 3		
C04	WET SUPPRESSION		
C1004	WET SUPPRESSION FOR PORTABLE CRUSHER 1004		
C1022	WET SUPPRESSION FOR PORTABLE CRUSHER		
CD01	KNOCKOUT BOX		
CD02	BAGHOUSE		
FM07	DIESEL		
FML01	NATURAL GAS		
FML02	"ON SPECIFICATION" WASTE DERIVED LIQUID FUEL		
FML03	NO.2 FUEL OIL		
FML04	NO.4 FUEL OIL		
FML05	NO.5 FUEL OIL		
FML06	PROPANE		
S01	STACK		
S02	STACK		
S03	STACK		
Z01	FUGITIVE		
Z03	FUGITIVE EMISSIONS		
Z04	FUGITIVE EMISSIONS		

PERMIT MAPS



PERMIT MAPS



**PERMIT MAPS**

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

- (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:

- (1) Enforcement action

**SECTION B. General State Only Requirements**

(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:

(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

**SECTION B. General State Only Requirements**

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:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

**SECTION B. General State Only Requirements**

- (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)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

**SECTION B. General State Only Requirements****#015 [25 Pa. Code § 127.11a]****Reactivation of Sources**

- (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 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.

**SECTION B. General State Only Requirements****#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.

#023 [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. §§ 4001-4015).

**SECTION B. General State Only Requirements****#024 [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.

#025 [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) 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) N/A

(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**

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; or

(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.

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions).

**SECTION C. Site Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall not exceed the following emission limits, when calculated as 12-month rolling sums:

- (a) Nitrogen Oxides (NO_x) = 24.9 tpy
- (b) Volatile Organic Compounds (VOC) = 5.3 tpy
- (c) Sulfur Dioxides (SO_x) = 57.5 tpy
- (d) Carbon Monoxide (CO) = 99.9 tpy
- (e) Total PM = 38.89 tpy
- (f) Total PM-10 = 15.32 tpy
- (g) Total PM-2.5 = 6.43 tpy

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.
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 009 [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, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, 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.

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

The Department reserves the right to require stack testing of any source(s) as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions, or determining compliance with any applicable requirement.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

**SECTION C. Site Level Requirements****# 012 [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); and
- (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.

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

The permittee shall monitor the emissions of particulate matter (PM, PM10, PM2.5) for the entire site on a monthly and on a 12-month rolling sum.

IV. RECORDKEEPING REQUIREMENTS.**# 014 [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.

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

The permittee shall keep sufficient records (production data and hours of operation) on a monthly and 12-month rolling basis, and perform calculations to demonstrate compliance with facility-wide emission limits (NO_x, VOC, SO_x, CO, PM, PM-10, and PM-2.5).

016 [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.

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

The permittee shall keep a log of the dates and times of the road sweeping or cleaning.

V. REPORTING REQUIREMENTS.**# 018 [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,

**SECTION C. Site Level Requirements**

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;
- (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.

019 [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 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.

**SECTION C. Site Level Requirements**

(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:

(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.

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

The permittee shall notify, in writing, the truck owners and operators which haul loads from the permittee's facility of their responsibility to tarp or utilize the load wetting equipment provided at the permittee's facility. This written notice shall be sent to all customers opening new accounts within 30 days of establishing the said account. A written notice shall also be provided to all other truck owners or operators, who do not establish accounts with the permittee, at least during their first time of use of the facility.

021 [25 Pa. Code §135.3]**Reporting**

The permittee, who has been previously advised by the Department to submit a source report, shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all 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, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 022 [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) Use, where possible, of water or suitable chemicals, 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, 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.

**SECTION C. Site Level Requirements****# 023 [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 this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

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

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

025 [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 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.

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

- (a) The permittee shall keep all paved in-plant roads swept at a minimum of two (2) times per week, weather permitting.
- (b) The permittee shall post a highly visible notice at a prominent location at the site stating: "All trucks must be tarped prior to leaving property."
- (c) For trucks that are owned by, operated by, leased to or contracted to the permittee, the permittee's parent company, or any other companies affiliated with the permittee, it is the responsibility of the permittee to adequately tarp or wet its loads before the trucks exit the site so as to prevent fugitive particulate matter from becoming airborne.
- (d) The permittee shall provide truck load wetting equipment at all times for any truck using the site.

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 01-JUN-24

- (a) The previous five year term of this Operating Permit was from November 6, 2018 to November 6, 2023. During that period, the permittee was required to perform a source test and visible emissions test on the asphalt plant every five (5) years or once within the life of the permit. The last source test performed by the permittee was on October 23, 2015 and the source test required to be performed by November 6, 2023 was not conducted.
- (b) The permittee shall conduct the source test required by Operating Permit 46-00236 Authorization ID: 1268401 by June 1, 2024. The source test shall be conducted in accordance with Section D Source ID 701 Condition #005 of Operating Permit 46-00236 whose term was from November 6, 2018 to November 6, 2023.
- (c) The permittee shall also complete an additional source test within the term of this Operating Permit to demonstrate compliance with Section D Source ID 701 Condition #005.

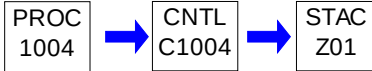
**SECTION D. Source Level Requirements**

Source ID: 1004

Source Name: PORTABLE CRUSHER - KLEEMANN

Source Capacity/Throughput: 350.000 Tons/HR AGGREGATE

Conditions for this source occur in the following groups: CRUSHERS

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The portable non-metallic mineral processing plant includes the following:

- (1) One Kleenman Mobirex Crusher
- (2) Two vibratory screens
- (3) Five conveyor belts
- (4) One wet suppression system

(b) Source ID 1019 Scania Engine supports this Portable Crusher.

(c) The portable non-metallic mineral processing plant is identified by the following:

**SECTION D. Source Level Requirements**

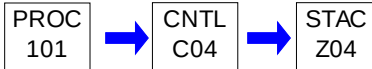
- (1) Manufacturer - Kleeman
- (2) Year - 2018
- (3) Model - MR110Zi
- (4) VIN - K0190046

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: PRIMARY JAW CRUSHER

Source Capacity/Throughput: 330.000 Tons/HR

**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 following daily:

- (a) production totals
- (b) hours of operation

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

The permittee shall record the following daily:

- (a) production totals
- (b) hours of 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.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee must have water suppression at each transfer point (including, but not limited to crushers, screens and associated conveyors).
- (b) The water suppression systems shall be operating at all times when the stone crushing plant is in operation.
- (c) The permittee shall operate and maintain crushers, screens, and conveyors in accordance with the manufacturer's specifications, as well as maintain good air pollution control practices and in a manner not to cause air pollution.
- (d) The use of any roadways and/or any material stockpiling operations for this source shall not result in emission of fugitive particulate matter in excess of the limitations specified in 25 Pa. Code §123.2.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The following are associated with this source:

101 Primary Crusher - JAW (1211 Jawmaster)
and Grizzly 47' x 16'
117 Conveyors and Handling
118 Storage Piles
C04 Water Spray
Z04 Fugitive Emissions

**SECTION D. Source Level Requirements**

Source ID: 1019

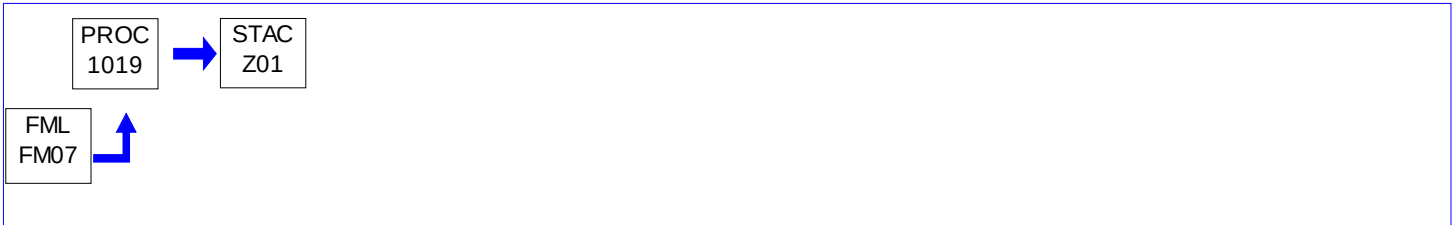
Source Name: SCANIA 494 HP ENGINE FOR PORTABLE CRUSHER 1004

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: ENGINES

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) This engine is manufactured by Scania with a power rating of 494 bhp.

(b) The engine supports Source ID 1004 Portable Crusher.

(c) The engine is identified by the following:

(1) Manufacturer - Scania

(2) Year - 2018

**SECTION D. Source Level Requirements**

(3) Model - DC 13
(4) VIN - 7018664

**SECTION D. Source Level Requirements**

Source ID: 1022

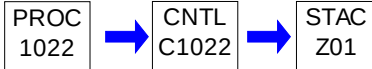
Source Name: PORTABLE CRUSHER (P1)

Source Capacity/Throughput:

350.000 Tons/HR

AGGREGATE

Conditions for this source occur in the following groups: CRUSHERS

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

(a) The portable non-metallic mineral processing plant includes the following:

- (1) One Kleenman Mobirex Crusher
- (2) Two vibratory screens
- (3) Five conveyor belts
- (4) One wet suppression system

(b) Source ID 1023 Scania Engine supports this Portable Crusher.

(c) The portable non-metallic mineral processing plant is identified by the following:

**SECTION D. Source Level Requirements**

- (1) Manufacturer - Kleeman
- (2) Year - 2019
- (3) Model - MR110Zi
- (4) VIN - K0190081

**SECTION D. Source Level Requirements**

Source ID: 1023

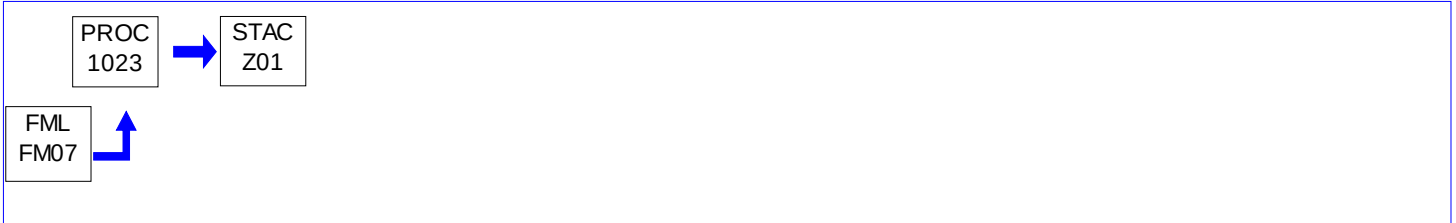
Source Name: SCANIA ENGINE FOR PORTABLE CRUSHER 1022 (P1)

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: ENGINES

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) This engine is manufactured by Scania with a power rating of 494 bhp.

(b) The engine supports Source ID 1022 Portable Crusher (P1).

(c) The engine is identified by the following:

(1) Manufacturer - Scania

(2) Year - 2019

**SECTION D. Source Level Requirements**

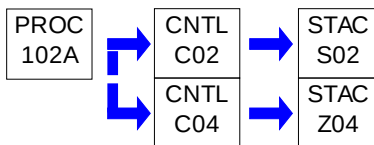
(3) Model - DC 13
(4) VIN - 7153206

**SECTION D. Source Level Requirements**

Source ID: 102A

Source Name: SECONDARY CONE CRUSHER 2

Source Capacity/Throughput: 485.000 Tons/HR

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

The owner/operator shall comply with all conditions of 40 CFR Subpart OOO where applicable. Whenever a conflict occurs, with any of the regulations listed below, the owner/operator shall, in all cases, meet the more stringent requirement:

(a) 25 Pa. Code §§ 123.1, 123.2, and 40 CFR § 60.672(b)

(b) 25 Pa. Code § 123.13(c) and 40 CFR § 60.672(a).

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

(a) The actual throughput of the secondary crusher shall be restricted to 330 tons per hour (TPH), calculated on an average daily basis.

(b) The permittee shall limit total operation of the crusher to a total of 2,350 hours per year, based on a 12-month rolling total.

(c) The secondary crusher shall be limited to an annual processing limit of 775,500 tons of aggregate (non-metallic minerals) calculated on a 12-month rolling sum basis.

003 [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.**

Particulate matter emissions from the baghouse shall not exceed 0.014 gr/dscf.

[Compliance with this condition assures compliance with the requirements of 25 Pa. Code § 123.13(c).

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 following daily for this source, when operating:

(a) production totals (tons/hr, tons/day, tons/yr (12- month rolling basis))

(b) hours of operation

Hours of operation shall also be monitored on a monthly and on a 12- month rolling basis.

(c) pressure drop readings of the baghouse

**SECTION D. Source Level Requirements**

- (d) pressure gauge readings of the wet suppression system
- (e) collector exhaust conditions (e.g. visible or not)
- (f) discharge spray nozzle conditions (e.g. effective or not).

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

When the source is operating, the permittee shall perform daily inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The permittee shall initiate corrective action within 2 hours and complete corrective action as expediently as practical if water is not flowing properly during an inspection of the water spray nozzles.

[Compliance with this streamlined condition ensures compliance with the requirements contained in 40 CFR Section 60.674(b).]

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.674]**Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Monitoring of operations.**

[Additional authority for this condition is from 25 Pa. Code Section 127.441.]

Pursuit to 40 CFR Section 60.674(c),

The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections of the baghouse stack using EPA Method 22 (40 CFR part 60, appendix A-7). The Method 22 (40 CFR part 60, appendix A-7) test shall be conducted while the baghouse is operating.

The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 (40 CFR part 60, appendix A-7) test, including the date and any corrective actions taken, in the logbook required under §60.676(b).

The owner or operator of the affected facility may establish a different baghouse-specific success level for the visible emissions test (other than no visible emissions) by conducting a PM performance test according to §60.675(b) simultaneously with a Method 22 (40 CFR part 60, appendix A-7) to determine what constitutes normal visible emissions from that affected facility's baghouse when it is in compliance with the applicable PM concentration limit in Table 2 of 40 CFR Part 60 Subpart 000. The revised visible emissions success level must be incorporated into the permit for the affected facility.

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

The permittee shall perform and maintain records of Particulate Matter (PM, PM-10, PM-2.5) emissions calculations for this source on a monthly, and 12-month rolling basis.

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

The following records shall be maintained if any component of the baghouse or wet suppression system malfunctions:

- a. The date, time, duration, and type of malfunction.
- b. The cause of the malfunction.
- c. The corrective actions taken to correct the malfunction.

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

The permittee shall record the following daily for this source, when operating:

- (a) production totals (tons/hr, tons/day, tons/yr (12-month rolling basis))

**SECTION D. Source Level Requirements**

- (b) hours of operation
Hours of operation shall also be recorded on a monthly and on a 12-month rolling basis.
- (c) pressure drop readings of the baghouse
- (d) pressure gauge readings of the wet suppression system
- (e) collector exhaust conditions (e.g. visible or not)
- (f) discharge spray nozzle conditions (e.g. effective or not).

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

The permittee shall record each inspection of the water spray nozzles and of the baghouse stack using Method 22, including the date of each inspection and any corrective actions taken in a logbook (in written or electronic format). The logbook must be kept onsite. Hard or electronic copies (whichever is requested) shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

(a) The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR § 60.672.

(b) Pursuant to the federal New Source Performance Standards under 40 CFR § 60.4, the permittee shall submit copies of all requests, reports, applications, submittals and other communications to both the USEPA and the PADEP. The USEPA copies may be submitted electronically to USEPA's Central Data Exchange at <https://cdx.epa.gov/>.

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

1. This source shall be controlled by a fabric filter (baghouse) equipped with a pressure drop measuring device and a water suppression system equipped with a pressure gauge to indicate normal operation.
2. The permittee shall ensure all materials processed at the facility are sufficiently wetted to prevent any fugitive dust emissions. Sufficiently wetted shall be interpreted to mean that the materials processed on site shall contain enough moisture so as to not create fugitive particulate matter emissions.
3. This source shall not be operated if any component of the baghouse or wet suppression system is not working, malfunctions, and/or is determined to have reduced control efficiency.
4. The pressure drop range of the baghouse shall be maintained between 0.5" to 1.5", water gauge, when the source is operating.
5. The baghouse and wet suppression system shall be operated and maintained in accordance with manufacturer's specifications. No design modifications may be made to any of its components without prior written approval from the manufacturer or the Department.
6. In circumstances of extreme dust generation, additional methods of fugitive particulate matter control shall be utilized, as necessary.
7. The water spray dust suppression system shall be operated on any and all occasions that the crusher is operated. Operation without simultaneous operation of the water spray dust suppression system can take place only in those unusual instances when processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this Operating Permit. If, however, the dust suppression system is incapable of operation due to weather conditions or any other reasons, the permittee may not operate the source.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a secondary cone crusher manufactured by Metso, Model No. Metso HP 300, with a maximum rated capacity of 485 tons per hour. Actual production is restricted to 330 tons per hour, calculated on an average daily basis. This source is controlled by a baghouse and wet suppression system.

The following are associated with this source:

102A Secondary Cone Crusher - Metso HP300
115 Conveyors and Transfer Points
118 Storage Piles
C02 Baghouse
C04 Water Suppression
S02 Stack
Z02 Fugitive Emissions

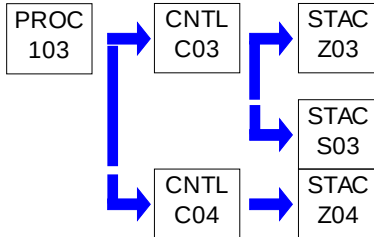
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: TERTIARY CONE CRUSHER

Source Capacity/Throughput: 270.000 Tons/HR

Conditions for this source occur in the following groups: WATER AND BAGHOUSE SUPPRESSION

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from the outlet of the baghouses associated with this source, at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The following are associated with this source:

104 Tertiary Cone Crusher #3 (H-3000)
114 Conveyors and Transfer Points
116 Conveyors and Transfer Points
118 Storage Piles
C03 Baghouse
C04 Water Suppression
S03 Stack
Z03 Fugitive Emissions

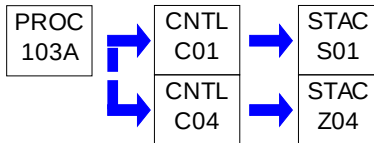
**SECTION D. Source Level Requirements**

Source ID: 103A

Source Name: TERTIARY CONE CRUSHERS II & SCREEN

Source Capacity/Throughput: 584.000 Tons/HR

Conditions for this source occur in the following groups: WATER AND BAGHOUSE SUPPRESSION

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1]

No person may permit the emission into the outdoor atmosphere of particulate matter from the baghouse controlling the Tertiary Cone Crusher #2 (H-3000) at any time, in excess of 0.02 gr/dscf.

[Compliance with this condition assures compliance with 40 CFR Section 60.672 (a).]

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

(a) The permittee is subject to the fugitive emissions requirements of 25 Pa. Code § 123.1.

[Compliance with 25 Pa. Code § 123.1 assures compliance with 40 CFR §60.672 (b) for the screen and Tertiary Cone Crusher #1 (H-3000).]

(b) In accordance with 40 CFR Section 60.672(a), the opacity limit for the stack of the baghouse controlling Tertiary Cone Crusher #2 (H-3000) is 7%, as demonstrated by the procedures in 40 CFR section 60.675.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

This source is subject to the requirements of 40 CFR Part 60 Subpart OOO and shall comply with all applicable requirements of this Subpart. In accordance with 40 CFR § 60.4, copies of all requests, reports, applications, submittals

**SECTION D. Source Level Requirements**

and other communications are required to be submitted to both the USEPA and the PADEP. The USEPA copies may be submitted electronically to USEPA's Central Data Exchange at <https://cdx.epa.gov/>.

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 following are associated with this source:

103 Tertiary Cone Crusher #2 (H-3000) w/baghouse (C01)
106 Tertiary Cone Crusher #1 (H-3000)
113 Screen 5x16 3D
Conveyors and Transfer Points
118 Storage Piles

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not replace any existing piece of equipment from this source, without obtaining prior written Department approval.

[Compliance with this streamlined condition assures compliance with 40 CFR §60.676.]

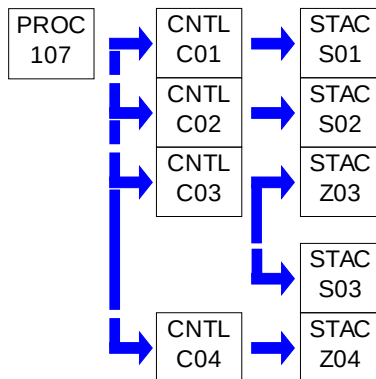
**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: SCREENS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: WATER AND BAGHOUSE SUPPRESSION

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

001 [25 Pa. Code §123.13]

Processes

[Additional authority for this permit condition is from 25 Pa. Code Section 127.441.]

No person may permit the emission into the outdoor atmosphere of particulate matter from the outlet of the baghouses associated with this source, at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

More stringent limits apply for baghouses C01 and C02 as indicated by Source ID 103A and Source ID 102A.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level 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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The following are associated with this source:

107 Screen 6x16 DD
108 Screen 7x20 3D (enclosed)
110 Screen 6x12 3D (enclosed)
111 Screen 6x16 3D (enclosed)
112 Screen 6x16 3D (enclosed)
114 Conveyors and Transfer Points
115 Conveyors and Transfer Points
116 Conveyors and Transfer Points
117 Conveyors and Transfer Points
118 Storage Piles
C01 Baghouse
C02 Baghouse
C03 Baghouse
C04 Water Suppression
S01 Stack
S02 Stack
S03 Stack
Z01 Fugitive Emissions
Z02 Fugitive Emissions
Z03 Fugitive Emissions
Z04 Fugitive Emissions

**SECTION D. Source Level Requirements**

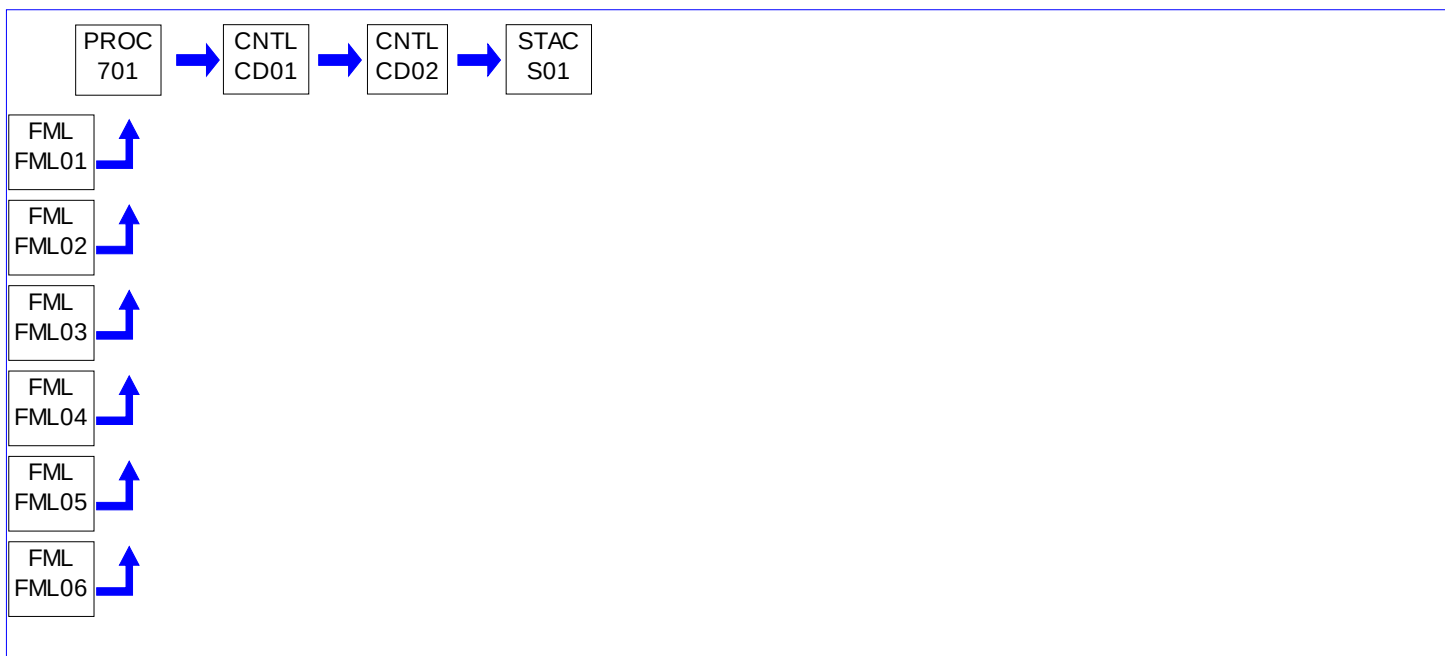
Source ID: 701

Source Name: BATCH ASPHALT PLANT

Source Capacity/Throughput:

360.000 Tons/HR

ASPHALT

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

001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.92]

Subpart I - Standards of Performance for Hot Mix Asphalt Facilities**Standard for particulate matter.**

The permittee shall not discharge or cause the discharge into the atmosphere from any affected facility any gases which:

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

[Compliance with this streamlined condition assures compliance with 25 Pa Code §123.13(c)(1)(i) for particulate matter and 25 Pa Code §123.41 for visible emissions.]

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

1. The source shall only use the following approved fuels:

- (a) Natural Gas
- (b) "On Specification" Waste Derived Liquid Fuel (WDLF)
- (c) No. 2 Fuel Oil
- (d) No. 4 Fuel Oil
- (e) No. 5 Fuel Oil

**SECTION D. Source Level Requirements**

(f) Propane

2. The sulfur content of the:

(a) No. 2 Fuel Oil fired in the source shall not, at any time, exceed 0.0015 percent (by weight).

(b) No. 4 Fuel Oil fired in the source shall not, at any time, exceed 0.25 percent (by weight).

(c) No. 5 Fuel Oil fired in the source shall not, at any time, exceed 0.5 percent (by weight).

(d) "on specification" WDLF shall not, at any time, exceed 0.5 percent (by weight).

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

1. The permittee shall restrict their asphalt concrete production rate to less than 500,000 tons per year while using propane.

2. The permittee shall restrict their asphalt concrete production rate to less than 294,000 tons per year while using any other approved fuel.

[Tons per year shall be calculated as a 12-month rolling sum.]

II. TESTING REQUIREMENTS.

005 [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. Refer to PADEP Source Testing Program website online for further information related to source testing including Source Testing FAQ and the PADEP Source Testing Manual.

(b) The stack test shall, at a minimum, test for NO_x, CO, VOC, filterable and condensable particulate matter, and visual opacity. Tests shall be conducted in accordance with the provisions of EPA Method 5 for particulate matter and EPA Method 9 for visual opacity pursuant to the procedures in 40 CFR § 60.11, or other Department approved methodology and 25 Pa. Code Chapter 139. Tests shall also be conducted in accordance with the provisions of the current version of the DEP Source Testing Manual and the EPA Clean Air Act National Stack Testing Guidance.

(c) At least ninety (90) days prior to the test, the permittee 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.

(d) 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.

(e) Within sixty (60) days after the source test(s) (unless a more stringent regulatory requirement applies), an electronic copy of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(f) 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.

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

Passing performance tests conducted in accordance with paragraphs (a) and/or (b) below, shall only be required once during the term of the permit.

- (a) If No. 2, No. 4, or No. 5 fuel oil is used for 30 or more cumulative calendar days within a 12-month rolling period, the permittee shall conduct performance testing to measure emissions of NO_x, CO, VOC, filterable and condensable PM, and opacity. Testing shall be performed using No. 2, 4, or 5 fuel oil, no later than 90 days following the 30th day of cumulative fuel oil usage.
- (b) If "on specification" WDLF is used for 30 or more cumulative calendar days within a 4-year consecutive time period, the permittee shall conduct performance testing to measure emissions of NO_x, CO, VOC, filterable and condensable PM, and opacity. Testing shall be performed using "on specification" WDLF no later than 90 days following the 30th day of cumulative WDLF usage.
- (c) The permittee shall comply with the following testing procedures for each of the above two scenarios, when required:
- (1) All such testing shall be conducted in accordance with the provisions of Chapter 139 and the methods and procedures contained in the test protocol submitted to and approved by the Department.
 - (2) At least ninety (90) days prior to performing required stack testing, 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.
 - (3) At least thirty (30) days prior to performing required stack testing, the Regional Air Quality Manager shall be informed of the date and time of the test.
 - (4) Within thirty (60) days after the source test(s) is performed, two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.
 - (5) 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.**

- (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

**SECTION D. Source Level Requirements**

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

4. Testing Requirements (all that apply):

- a. Plan approval number(s)
- b. Operating permit number
- c. Applicable federal subpart(s) (i.e. 40 CFR 60, Subpart JJJJ)
- d. Special purpose(s) (Consent Order, RFD, RACT, Tier II, etc.)

(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".

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

(a) The following are applicable to tests for 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 viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15) and (20).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

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

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.93]**Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Test methods and procedures.**

The permittee shall determine compliance with the particulate matter standard in 40 CFR §60.92 as follows:

(a) Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).

(b) Method 9 and the procedures in 40 CFR §60.11 shall be used to determine opacity.

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

1. The permittee shall monitor the following on a daily basis, whenever the source is in operation:

- (a) Hours of operation
- (b) Pressure drop from the baghouse, in inches of water
- (c) Asphalt concrete production, in tons

**SECTION D. Source Level Requirements**

(d) Type and amount of fuel consumed

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

1. The permittee shall maintain records of the following on a daily basis, whenever the source is in operation:

- (a) Hours of operation
- (b) Pressure drop from the baghouse, in inches of water
- (c) Asphalt concrete production, in tons
- (d) Type and amount of fuel consumed

2. The permittee shall keep all records of "On Specification" WDLF analyses on site and made available to the Department upon request.

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

(a) The permittee may obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, for No. 2 fuel oil, is less than or equal to 0.0015 percent, each time a delivery is made.

(b) The permittee may obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, for No. 4 fuel oil, is less than or equal to 0.25 percent, each time a delivery is made.

(c) The permittee may obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, for No. 5 fuel oil, is less than or equal to 0.5 percent, each time a delivery is made.

(d) In the event that a delivery is made, and no receipt is obtained, the permittee shall perform testing in accordance with 25 Pa. Code § 139.16 and maintain records of the testing.

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

1. For one out of every fifteen shipments of WDLF received at the facility, the permittee shall take a sample for the purpose of conducting a complete fuel analysis of the constituents listed in item 2, below.

2. The "On Specification" WDLF may not exceed the following acceptable levels, while using the following analytical techniques, or any other methods approved by the Department:

- (a) Arsenic < 5 ppm, by weight -- Atomic Absorption Analysis -- Method D-5185
- (b) Cadmium < 2 ppm, by weight -- Atomic Absorption Analysis -- Method D-5185
- (c) Chromium < 10 ppm, by weight -- Atomic Absorption Analysis -- Method D-5185
- (d) Lead < 100 ppm, by weight -- Atomic Absorption Analysis -- Method D 5185
- (e) Total Halides (TX) < 1000 ppm, by weight -- ASTM D808-81 Analysis -- Method D4929
- (f) Sulfur < 0.5 percent -- NA -- Method D4951
- (g) PCB < 10 ppm, by weight -- H2SO4 Extraction/GC with electron capture -- Method D-4059

3. All "On Specification" WDLF shall be heated in a pre-heater. This pre-heater shall be operational whenever "On

**SECTION D. Source Level Requirements**

Specification" WDLF is to be used.

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

This source and its control devices shall be operated and maintained in accordance with manufacturer's specifications.

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

1. The baghouse associated with this source shall be operating at all times the source is in operation.
2. The pressure drop of the baghouse shall be maintained in an operating range of 2.0" - 6.0" water.
3. The permittee shall equip and maintain a pressure monitoring device on the baghouse.
4. The permittee shall keep on hand a sufficient quantity of spare fabric collector bags in order to be able to immediately replace any bags requiring replacement due to deterioration from routine operations.

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

This source consists of a Batch Asphalt Plant rated at 360 tons per hour, a rotary dryer rated at 135 MMBtu/hr, and an oil tank heater rated at 2 MMBtu/hr.

**SECTION E. Source Group Restrictions.**

Group Name: CRUSHERS

Group Description: Crushers

Sources included in this group

ID	Name
1004	PORTABLE CRUSHER - KLEEMANN
1022	PORTABLE CRUSHER (P1)

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 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.674]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Monitoring of operations.

[Additional authority for this permit condition is also derived from 25 Pa. Code Chapter 122]

The permittee shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system.

[Pursuant to 40 CFR § 60.674(b)]

IV. RECORDKEEPING REQUIREMENTS.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Reporting and recordkeeping.

[Additional authority for this permit condition is also derived from 25 Pa. Code Chapter 122.]

(a) The permittee shall record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook (in written or electronic format). The permittee shall keep the logbook onsite and make hard copies (whichever is requested) of the logbook available to the Department upon request.

(b) The permittee shall specify in the logbook entry the control mechanism being used if the permittee ceases operation of the wet suppression system or uses an alternative control mechanism to reduce fugitive emissions.

(c) Records shall be kept for at least a five year period.

[Pursuant to 40 CFR § 60.674(b), 40 CFR § 60.674(b)(2), and 40 CFR § 60.676(b)(1).]

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) In advance of each change in location without any modification of the portable nonmetallic mineral processing plant the permittee shall notify both the Department and the municipality where the operation will take place.

(b) The advance notification will include an estimated date of startup at the new location.

(c) The advance notification to the Department and municipality shall be completed at least one week prior to the change in location.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

**SECTION E. Source Group Restrictions.****Reporting and recordkeeping.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Chapter 122]

The permittee shall submit to the Department and the USEPA, before the 30th day following the calendar quarter, written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR Part 60 Subpart OOO and this operating permit including reports of opacity and fugitive emission observations made using USEPA Test Method 9.

[Pursuant to 40 CFR § 60.676(f)]

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

(a) The permittee shall operate the wet suppression system on any and all occasions that the portable nonmetallic mineral processing plant is operated.

(b) Operation without simultaneous operation of the water spray dust suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this permit. If, however, the water spray dust suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant.

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

The permittee shall maintain and operate a pressure gauge in order to indicate normal operation of the wet suppression system.

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

The permittee shall keep on hand such equipment and materials as are necessary to take reasonable action (including, but not limited to the application of water, oil or chemicals) to prevent fugitive particulate matter resulting from the use of any roadways and/or material stockpiling operations associated with the plant from becoming airborne and shall be used, as necessary, to prevent such fugitive particulate matter from becoming airborne.

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

(a) The permittee shall be authorized to operate the portable nonmetallic mineral processing plant at the following locations provided it meets all of the requirements outlined in (b) of this condition.

- (1) SMOP No. 46-00069 Plymouth Meeting Quarry, Whitmarsh Township, Montgomery County
- (2) SMOP No. 46-00236 Perkiomenville Batch Asphalt Plant and Quarry, Marlborough Township, Montgomery County
- (3) SMOP No. 15-00054 Malvern Batch Asphalt Plant, East Whiteland Township, Chester County
- (4) SMOP No. 15-00055 Downingtown Batch Asphalt Plant, East Caln Township, Chester County.

(b) The permittee shall comply with the following:

(1) The permittee is only authorized to operate this portable nonmetallic mineral processing plant at a separate location, listed in (a)(1) to (5), when that separate location's Operating Permit has been amended to include the operation of this portable nonmetallic mineral processing plant.

(2) The permittee shall provide written notification to both the Department and the affected municipality prior to the move. The written notification shall include, at a minimum.

(i) The intended location.

(ii) A listing of any associated equipment intended to be operated in conjunction with the portable crushing plant.

(iii) The anticipated duration (including the starting and ending dates) at the relocation.

(iv) The advance notification to the Department and municipality shall be completed at least one week prior to the change in location.

**SECTION E. Source Group Restrictions.**

(3) The permittee shall not modify the portable nonmetallic mineral processing plant or its associated water spray dust suppression system or diesel-fired engine.

(4) The permittee shall 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.

(5) 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.

(6) 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.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.674]

Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants

Monitoring of operations.

[Additional authority for this permit condition is also derived from 25 Pa. Code Chapter 122]

The permittee shall initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the permittee finds that water is not flowing properly during an inspection of the water spray nozzles.

[Pursuant to 40 CFR § 60.674(b)]

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall comply with all conditions of 40 CFR Part 60 Subpart 000 where applicable. Whenever a conflict occurs with any of the regulations listed below the permittee shall, in all cases, meet the more stringent requirement.

(a) 25 Pa. Code §§ 123.1, 123.2, 123.13(c), and 123.41.

(b) 40 CFR Part 60 Subpart 000.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source is subject to the requirements of 40 CFR Part 60 Subpart 000 and shall comply with all applicable requirements of this Subpart. In accordance with 40 CFR § 60.4, copies of all requests, reports, applications, submittals and other communications are required to be submitted to both the USEPA and the PADEP. The USEPA copies may be submitted electronically to USEPA's Central Data Exchange at <https://cdx.epa.gov/>.

Region III electronic compliance certifications may be sent to: R3_APD_Permits@epa.gov.

**SECTION E. Source Group Restrictions.**

Group Name: ENGINES

Group Description: Engines

Sources included in this group

ID	Name
1019	SCANIA 494 HP ENGINE FOR PORTABLE CRUSHER 1004
1023	SCANIA ENGINE FOR PORTABLE CRUSHER 1022 (P1)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

[Compliance with this emission limit is demonstrated through the use of proper fuel as allowed herein combined with good combustion practices and operating the engine in accordance with manufacturer recommendations.]

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

The permittee shall fire the engine with low-sulfur diesel fuel oil, as derived from 40 CFR § 80.510(c)(1) for nonroad diesel fuel oil. The low-sulfur diesel fuel oil content shall be 0.0015% by weight or less.

[Compliance with this condition assures compliance with the sulfur emission standard of 500ppm pursuant to 25 Pa. Code § 123.21.]

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to tests for 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 viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15) and (20).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

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

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

The permittee shall monitor the number of hours per month that the engine operated using a non-resettable hour meter.

**SECTION E. Source Group Restrictions.****IV. RECORDKEEPING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall record the number of hours per month that the engine operated using a non-resettable hour meter.
- (b) The permittee shall record the amount of fuel used for the engine per month.
- (c) The permittee shall record the dates and places in which the nonroad engine is relocated.

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

The permittee shall keep records on site to demonstrate compliance that each engine is USEPA Tier 4 certified (i.e. certificate of conformity or USEPA or USEPA Tier certification, etc.) and in compliance with the emission standards as required by 40 CFR § 1039.101.

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 nonroad engine shall have affixed a permanent and legible label identifying the nonroad engine. Each label must contain the following information written in English:

- (a) The heading "Imported Engine Information";
- (b) The full corporate name and trademark of the manufacturer;
- (c) EPA standardized engine family designation;
- (d) Engine displacement;
- (e) Advertised power;
- (f) Engine tune-up specifications and adjustments;
- (g) Fuel requirements;
- (h) Date of manufacture (month and year);
- (i) Unique engine identification number.

[Pursuant to 40 CFR § 89.110.]

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

[Additional authority for this permit condition is also derived from 40 CFR § 1039.101, Table 1.]

The permittee shall ensure that emissions into the outdoor atmosphere from the Tier 4 certified diesel engine do not exceed the emission rates contained in Table 1 of 40 CFR § 1039.101 for the 2014 model year and later engines with a maximum engine power rating of 130<kW<560 as follows:

- (a) PM: 0.02 g/kW-hr
- (b) NOx: 0.40 g/kW-hr
- (c) NMHC: 0.19 g/kW-hr
- (d) CO: 3.5 g/kW-hr

[Compliance with the emission standards of 40 CFR Part 1039 Section 101, Table 1 is demonstrated through the engine certification of conformity for this engine: i.e. Tier 4 Certification]

**SECTION E. Source Group Restrictions.**

Group Name: WATER AND BAGHOUSE SUPPRESSION

Group Description: Water and Baghouse Suppression

Sources included in this group

ID	Name
103	TERTIARY CONE CRUSHER
103A	TERTIARY CONE CRUSHERS II & SCREEN
107	SCREENS

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 following daily:

- (a) production totals
- (b) hours of operation
- (c) pressure drop readings of the baghouse(s)
- (d) collector exhaust condition (e.g. visible or not).

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

The permittee shall record the following daily:

- (a) production totals
- (b) hours of operation
- (c) pressure drop readings of the baghouse(s)
- (d) collector exhaust condition (e.g. visible or not)
- (e) preventive and corrective maintenance performed on fabric collectors associated with this source.

V. REPORTING REQUIREMENTS.

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

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

- (a) The permittee shall maintain pressure drop monitors in operable condition on all fabric collectors which are associated with air contamination sources for this source.

The pressure drop range of the baghouse shall be maintained between 0.5 to 1.5 in. water gauge, when the source is operating.

- (b) The baghouse(s) shall be operating at all times when the stone crushing plant is in operation.

- (c) The permittee shall inspect and have preventive and corrective maintenance performed on fabric collectors associated with this source.

**SECTION E. Source Group Restrictions.**

- (d) The permittee must have water suppression at each transfer point (including, but not limited to crushers, screens and associated conveyors), and/or all particulate matter emissions from this source shall be directed to the baghouse(s).
- (e) The water suppression systems shall be operating at all times when the stone crushing plant is in operation.
- (f) The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collectors associated with this source in order to be able to immediately replace any bags requiring replacement due to deterioration from routine operation of this source and fabric collectors.
- (g) The permittee shall operate and maintain crushers, screens, and conveyors in accordance with the manufacturer's specifications, as well as maintain good air pollution control practices and in a manner not to cause air pollution.
- (h) The storage and handling of the dust materials captured by the fabric collectors shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. §123.1.
- (i) The use of any roadways and/or any material stockpiling operations for this source shall not result in emission of fugitive particulate matter in excess of the limitations specified in 25 Pa. Code §123.2.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description								
102A	SECONDARY CONE CRUSHER 2								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.014 gr/DRY FT3 for baghouse C02 emission point</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.014 gr/DRY FT3 for baghouse C02 emission point	TSP				
Emission Limit	Pollutant								
0.014 gr/DRY FT3 for baghouse C02 emission point	TSP								
103	TERTIARY CONE CRUSHER								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.040 gr/DRY FT3 for baghouse C03 emission point</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.040 gr/DRY FT3 for baghouse C03 emission point	TSP				
Emission Limit	Pollutant								
0.040 gr/DRY FT3 for baghouse C03 emission point	TSP								
103A	TERTIARY CONE CRUSHERS II & SCREEN								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3 for the baghouse controlling the Tertiary Cone Crusher #2 (H-3000) C01</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3 for the baghouse controlling the Tertiary Cone Crusher #2 (H-3000) C01	TSP				
Emission Limit	Pollutant								
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107	SCREENS								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.014 gr/DRY FT3 for baghouse C02 emission point</td><td>TSP</td></tr><tr><td>0.020 gr/DRY FT3 for baghouse C01 emission point</td><td>TSP</td></tr><tr><td>0.040 gr/DRY FT3 for baghouse C03 emission point</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.014 gr/DRY FT3 for baghouse C02 emission point	TSP	0.020 gr/DRY FT3 for baghouse C01 emission point	TSP	0.040 gr/DRY FT3 for baghouse C03 emission point	TSP
Emission Limit	Pollutant								
0.014 gr/DRY FT3 for baghouse C02 emission point	TSP								
0.020 gr/DRY FT3 for baghouse C01 emission point	TSP								
0.040 gr/DRY FT3 for baghouse C03 emission point	TSP								
701	BATCH ASPHALT PLANT								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>500.000 PPMV dry basis</td><td>SOX</td></tr><tr><td>0.040 gr/DRY FT3</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	500.000 PPMV dry basis	SOX	0.040 gr/DRY FT3	TSP		
Emission Limit	Pollutant								
500.000 PPMV dry basis	SOX								
0.040 gr/DRY FT3	TSP								

Site Emission Restriction Summary

Emission Limit	Pollutant
5.300 Tons/Yr	VOC
24.900 Tons/Yr	NOX
57.500 Tons/Yr	SOX
99.900 Tons/Yr	CO
15.320 Tons/Yr	PM10
38.890 Tons/Yr	TSP
6.430 Tons/Yr	PM2.5

**SECTION H. Miscellaneous.**

Original Permit No. 46-00108

#001. Certain terms and conditions of this permit are based on the previous operating permits, permit number 46-310-019B, general permit number 46-310-051GP and plan approval PA-46-0108B.

#002. The Department has determined that emissions from the following sources, excluding those indicated as site level requirements in Section C of this permit, are of insignificant size and do not require additional limitations, monitoring, or recordkeeping.

(a) 1301 - Diesel Water Pump

#003. This permit is being renewed under APS No. 345537; AUTH No. 790531. April 2011. Source No. 119 (Portable Screen) and an exempt Robo-Trac Screen Deutz Engine have been removed from the facility.

#004. An administrative amendment is being processed to incorporate the requirements of plan approval 46-0108C, for a replacement secondary cone crusher (Source ID 102A), which is controlled by an existing baghouse (C02) and wet suppression system (C04). There has also been revisions made to the total facility-wide PM/PM-10/PM-2.5 emission limits in Section C, due to the replacement. APS No. 345537; AUTH No. 1034989.

#5 September 2016 APS ID: 345537 Auth ID 1086051

The operating permit is renewed. A tertiary cone crusher TelSmith 48FC (part of Source ID 103) and a 4 x 14 Screen (part of Source ID 107) were removed from the list of sources. Changes with the renewal issuance are as follows. Condition numbers refer to the JULY 31, 2014 issuance.

Cover Page

The permit contact was changed to Evan Halleran

Section A

*The name of Source ID 103A was revised to indicate the presence of a screen.

*C01, S01 and Z01 were removed from the permit map for Source ID 103, as it no longer contains equipment venting to the C01 Baghouse.

Section C

The following Conditions were updated to reflect current DEP guidelines.

#002 –The note was also clarified to 40 CFR Section 60.672(b), as this section applies to fugitive emissions.

#003

#008

#012 - The tiered monitoring allowance was also removed from the condition since the major air emissions from a stone crushing plant are fugitive and visible emissions.

#017

Condition #013

The condition was clarified by including a reference to PM, PM10 and PM2.5 and monthly and 12-month rolling basis monitoring.

Condition #021

The condition was revised to remove the reporting requirement to DEP for the tarping requirements notices, since notice has already been provided for established accounts and notices are automatically given to all truck owners/operators.

Section D

Source ID 101

Conditions #002, ##003

"total production" was revised to "production totals" for wording consistency with the same requirement for other sources.

Conditions #004 (a), #005

Typographical errors were corrected.

Condition #005

**SECTION H. Miscellaneous.**

A Grizzly was added to the list of associated equipment (not a new installation).

Source ID 102A

Condition #002

The lists of regulations were grouped by applicability to fugitive emissions or stack emissions.

Condition #003(a)

The condition was revised to: "The actual throughput of the secondary crusher shall be restricted to 330 tons per hour, calculated on an average daily basis."

Condition #004

A note was added streamlining 25 Pa. Code Section 123.13(c).

Condition #005(a), #007(a)

12-month rolling basis was specified for the yearly emissions.

Conditions #005, #010

The requirement to monitor and record hours of operation on a monthly and 12-month rolling basis was included in order to show compliance with the limit in hours of operation in Condition #003(b).

Condition #010

The condition was revised to include recordkeeping for Method 22 testing (see Additional Monitoring Condition.)

Condition #011(b)

The condition was removed as the required notice has been given.

Condition #011(c)

The EPA reporting address was updated and a note included that submission of electronic records may be required in the future.

Condition #013

The model number of the crusher was included.

Condition #014

The condition was revised to indicate that the rate of the secondary crusher was not restricted by the primary crusher, but that the restricted throughput of 330 tons/hour would be calculated on an average daily basis.

Additional Monitoring Condition

The requirements of 40 CFR Section 60.674(c), pertaining to quarterly Method 22 testing were included.

Source ID 103

Condition #001

Condition #005(a), #007(a)

The pressure drop range of the baghouse was set as 0.50 to 1.5 in.w.c.

Condition #006

The following are removed from the list of associated equipment:

Tertiary Cone Crusher #4 (48FC)

C01 Baghouse

S01 Stack

Z01 Fugitive Emissions

Source ID 103A

Condition #001

The opacity limit for a source, constructed before April 22, 2008 controlled by a baghouse and subject to 40 CFR Part 60 Subpart OOO was included.

Condition #001

**SECTION H. Miscellaneous.**

The opacity limits of 40 CFR Section 60.672 (a) were included.

Condition #002

A note was added indicating that compliance with the grain loading restriction assured compliance with 40 CFR Section 60.672(a).

Conditions #003, #004

"total production" was revised to "production totals" for wording consistency with the same requirement for other sources.

Condition #005

The EPA reporting address was updated and a note included that submission of electronic records may be required in the future.

Condition #006(a)

The pressure drop range of the baghouse was set as 0.50 to 1.5 in.w.c.

Condition #008

Conveyors, Transfer points and Storage Piles were added to the list of associated equipment.

Source ID 107

Condition #001

Allowable grain loadings were indicated for each baghouse.

Condition #006

*The 4 x 14 Screen was removed from the list of associated equipment.

*Enclosures were indicated on 4 screens (not new installations).

Section F

Grain loadings were indicated for each baghouse.

#006 April 2019 Administrative Amendment (APS No. 345537; AUTH ID 1265023). Terms and condition from GP3-46-0153 (Source ID 1004 - Portable Crusher) and GP9-46-0102 (Source ID 1019 Scania Engine) are incorporated into the SMOP with this administrative amendment. The units may relocate to the following Highway Material sites:

SMOP No. 46-00069 Plymouth Meeting Quarry, Whitemarsh Township, Montgomery County

SMOP No. 46-00108 Perkiomenville Quarry, Marlborough Township, Montgomery County

SMOP No. 46-00236 Perkiomenville Batch Asphalt Plant, Marlborough Township, Montgomery County

SMOP No. 15-00054 Malvern Batch Asphalt Plant, East Whiteland Township, Chester County

SMOP No. 15-00055 Downingtown Batch Asphalt Plant, East Caln Township, Chester County.

APS: 345537 AUTH: 1324423

This operating permit has been renewed. No changes to the operating permit have been reflected in this renewal.

AUTH: 1391215 April 2022

The operating permit was amended to incorporate GP3-46-0164 and GP9-46-0107 into the permit.

Original Permit No. 46-00236

#001. The following previously issued Plan Approval serves as the basis for certain terms and conditions set forth in this Permit: PA-46-0108A. This initial state only operating permit is being processed under APS No. 477479, AUTH No. 495678.

#002. This operating permit is being renewed under APS No. 477479, AUTH No. 938361. No changes have occurred at this facility.

#003. An operating permit modification is being processed under APS No. 477479; AUTH No. 1073501 to revise the stack testing conditions for the asphalt plant.

#004. Renewal of operating permit - APS No. 477479; AUTH No. 1201212.

#005. Amendment of operating permit - APS No. 477479; AUTH No. 1256732. The conditions of General Permit No. 11 were

**SECTION H. Miscellaneous.**

incorporated for the engine (Source ID 1019) rather than terms from General Permit No. GP9-46-0102 because the engine is defined as a nonroad engine as found in 40 CFR § 89.2. GP3-46-0153 for the installation and operation of a portable crusher was incorporated - see Source ID 1004.

#006. Amendment of operating permit - APS No. 477479; AUTH No. 1344213. The conditions of General Permits GP3-46-0164 (see Source ID 1022) and GP9-46-0107 (see Source ID 1023) were incorporated into the SOOP.

Combined Permit No. 46-00236

#001. Renewal of operating permit - September 2023; APS No. 477479; AUTH No. 1410344. Permit No. 46-00108 incorporated into Permit No. 46-00236.

#002. Administrative Amendment - August 2026; APS No. 1168301; AUTH No. 1579685. Administrative Amendment to address change of ownership from Highway Materials Inc. to Heidelberg Materials Northeast LLC.



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