



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

**STATE ONLY SYNTHETIC MINOR OPERATING PERMIT**

Issue Date: October 22, 2024

Effective Date: October 22, 2024

Expiration Date: October 21, 2029

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: 46-00166**

Synthetic Minor

Federal Tax Id - Plant Code: 27-3337781-1

**Owner Information**

Name: HARLEYSVILLE MATERIALS LLC

Mailing Address: 427 S WHITE HORSE PIKE  
PO BOX 587  
BERLIN, NJ 08009-9003

**Plant Information**

Plant: HARLEYSVILLE MATERIALS/LOWER SALFORD

Location: 46 Montgomery County 46938 Lower Salford Township

SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

**Operator**

Name: ALLAN MYERS MATERIALS

[If different from owner]

Mailing Address: 638 LANCASTER AVE  
MALVERN, PA 19355-1898

**Responsible Official**

Name: DAVID SMITH

Title: MGR & CEO

Phone: (856) 768 - 8493

Email: dsmith@mountconstruction.com

**Permit Contact Person**

Name: SHAWN COX

Title: ENVIRONMENTAL MANAGER

Phone: (856) 768 - 8493

Email: Scox@poconosandandstone.com

[Signature] \_\_\_\_\_

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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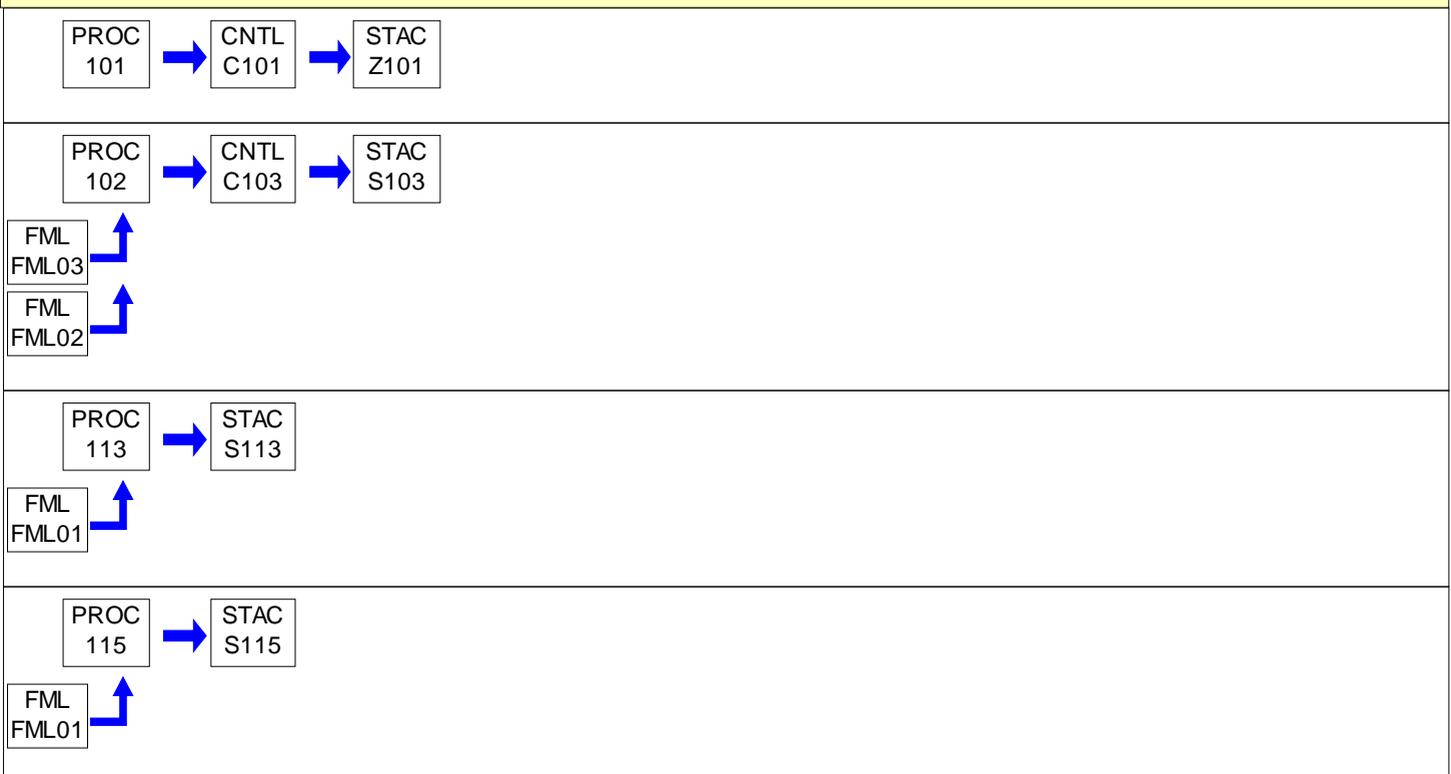
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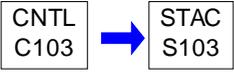
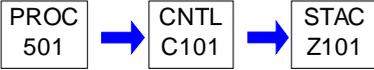
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	NONMETALLIC MINERAL PROCESSING PLANT	1,000.000 Tons/HR	CRUSHED STONE
102	BATCH ASPHALT PLANT	550.000 Gal/HR	#2 Oil
		300.000 Tons/HR	HOT ASPHALT MIX
113	202 BHP DIESEL-FIRED ENGINE	11.200 Gal/HR	Diesel Fuel
115	500 BHP DIESEL-FIRED ENGINE	24.900 Gal/HR	Diesel Fuel
501	WARRIOR 2400 PORTABLE SCREENER	800.000 Tons/HR	CRUSHED STONE
503	PREMIERTRAK 600 JAW CRUSHER	600.000 Tons/HR	CRUSHED STONE
509	SUPERIOR 3254 LIBERTY JAW CRUSHER		
510	IMPACT CRUSHING PLANT		
511	CONE CRUSHER		
512	14 CONVEYORS AND 5 STACKERS		
C101	WET SUPPRESSION SYSTEM		
C103	KNOCKOUT BOX & GENCOR DUST COLLECTOR	4.000 Lbs/HR	PARTICULATE MATTER
FML01	DIESEL FUEL		
FML02	NO. 2 FUEL OIL		
FML03	NATURAL GAS LINE		
S103	GENCOR DUST COLLECTOR STACK		
S113	202 BHP DIESEL-FIRED ENGINE STACK		
S115	500 BHP DIESEL-FIRED ENGINE STACK		
Z101	CRUSHING PLANT FUGITIVES		

**PERMIT MAPS**



**PERMIT MAPS**



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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

**#015 [25 Pa. Code § 127.11a]****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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

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

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

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) clearing of land;
- (e) stockpiling of materials;
- (f) open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (i) sources and classes of sources other than those identified in (a)-(h), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (1) the emissions are of minor significance with respect to causing air pollution; and
  - (2) 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)(1)-(9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

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

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

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

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

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

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

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

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.

**SECTION C. Site Level Requirements**

(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)(1)-(9) (relating to prohibition of certain fugitive emissions).

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

The permittee shall limit the emissions of nitrogen oxides (NOx) from this facility to less than 25 tons per year on a 12-month rolling sum basis.

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

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

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

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

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

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

**III. MONITORING REQUIREMENTS.****# 010 [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****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

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

(b) Objectionable odors, which may cause annoyance or discomfort to the public noticed at the site property boundaries that are caused or may be caused by operations at the site, as well as fugitive particulate emissions that originated on-site and cross the property line, and visible emissions that originated on site shall:

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

**IV. RECORDKEEPING REQUIREMENTS.****# 012 [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.

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

The permittee shall keep records of in-plant road sweeping and cleaning on a weekly basis.

**# 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 compile and record the nitrogen oxide (NOx) emissions from all the sources at this facility on a monthly and a 12-month rolling basis to demonstrate compliance with the facility-wide emissions limit for NOx.

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

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or of a

**SECTION C. Site Level Requirements**

regulation contained in 25 Pa. Code Article III.

(b) Malfunction(s) which occur at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.

(c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe the following:

- (1) The malfunction(s).
- (2) The emission(s).
- (3) The duration.
- (4) Any corrective action taken.

**# 017 [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.

(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.

**SECTION C. Site Level Requirements****# 018 [25 Pa. Code §135.3]****Reporting**

If the permittee has been previously advised by the Department to submit a source report, the permittee 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.****# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified 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; and
- (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.

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

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

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

In order to prevent fugitive particulate matter resulting from the use of the in-plant roads from becoming airborne, the company shall adhere to the following plan when the facility is in operation:

- (a). All paved roads shall be swept a minimum of two (2) times per week, weather permitting.
- (b). The company shall keep a log of the dates of road sweeping and cleaning.

**# 022 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**SECTION C. Site Level Requirements****# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

If at any time it is determined that the use of any roadways and/or any material stockpiling operations at this facility is causing the emission of fugitive particulate matter in excess of the limitations specified in 25 Pa. Code § 123.2 of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection or if it is determined that all reasonable actions to prevent fugitive particulate matter resulting from the use of such roadways and/or material stockpiling operations from becoming airborne are not being taken, the company shall take immediate steps, including the use of additional fugitive particulate matter control techniques, to correct the situation.

**# 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.

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

The batch asphalt plant and associated air pollution control devices (Source ID Nos. 102 and C103) have been leased to Allan Myers Materials (formerly Independence Construction Materials) in a contract signed January 3, 2012.

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: NONMETALLIC MINERAL PROCESSING PLANT

Source Capacity/Throughput: 1,000.000 Tons/HR CRUSHED STONE

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The rated capacity of the non-metallic mineral processing plant shall not exceed 1000 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The source consists of the following pieces of equipment installed under GP3-46-0169:

- a. Jaw Crusher (Source 509)
  - Manufacturer: Superior Liberty Jaw Crusher
  - Model No.: 3254
  - Capacity: 1000 tons per hour

**SECTION D. Source Level Requirements**

- b. Crushing Plant (Source 510)  
Manufacturer: Lippmann-Milwaukee, Inc.  
Model No.: 5I65LS  
Capacity: 365 tons per hour
- c. Cone Crusher (Source 511)  
Manufacturer: Terex MPS  
Model No.: CRC1150S  
Capacity: 320 tons per hour
- d. 14 Conveyors and 5 Stackers (Source 512)  
Capacity: 1000 tons per hour
- e. Water spray dust suppression system.

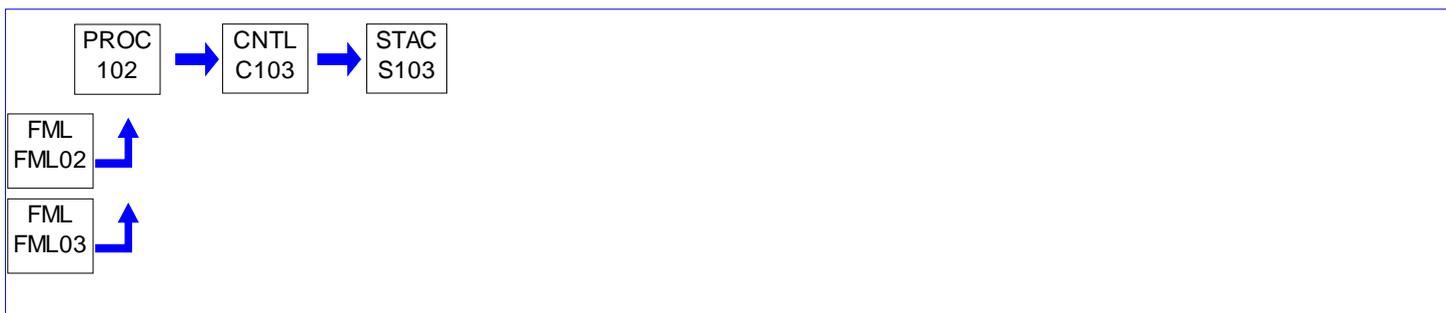
This plant and the equipment above is powered by electric line power.

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: BATCH ASPHALT PLANT

Source Capacity/Throughput:	550.000 Gal/HR	#2 Oil
	300.000 Tons/HR	HOT ASPHALT MIX

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

The permittee shall limit the emissions of the pollutants listed below as follows:

- Nitrogen Oxides (NO<sub>x</sub>): less than 25.6 lbs/hr and less than 20 tons per 12-month rolling period.
- Carbon Monoxide (CO): less than 45 lbs/hr and less than 35.1 tons per 12-month rolling period.
- Volatile Organic Compounds (VOC): less than 18.6 lbs/hr and less than 14.5 tons per 12-month rolling period.

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

- The permittee shall only use natural gas and No. 2 Fuel Oil in this source.
- Only virgin fuel oil may be used by this source to which no waste oil, recycled oil, or other waste materials have been added.
- The sulfur content of the No. 2 Fuel Oil fired in this batch asphalt plant shall not, at any time, exceed 0.14 percent by weight.

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

The permittee shall be limited to producing 468,000 tons of hot mix asphalt in a 12-month rolling period.

**II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

- The following are applicable to the analysis of commercial fuel oil:
  - 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).
  - Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

**SECTION D. Source Level Requirements**

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

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall monitor the following for this source when this source is in operation:

- (a). The type of fuel used in the rotary dryer on a monthly basis.
- (b). The amount of each type of fuel used in the rotary dryer on a monthly basis.
- (c). The amount of asphalt paving materials produced on a monthly basis.
- (d). The number of hours that this source is in operation on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a). The permittee shall record the following for this source when this source is in operation:

- (1). The type of fuel used in the rotary dryer on a monthly basis.
- (2). The amount of each type of fuel used in the rotary dryer on a monthly basis.
- (3). The amount of asphalt paving materials produced on a monthly, and 12-month rolling basis.
- (4). The number of hours that this source is in operation on a monthly, and 12-month rolling basis.

(b). The permittee shall calculate and record the emissions of particulate matter, volatile organic compounds, carbon monoxide and nitrogen oxides from this source on a monthly basis and a 12-month rolling basis.

**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.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The fuel storage tanks shall not have any leakage. Any leakage shall be immediately repaired.

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

**SECTION D. Source Level Requirements**

The emissions of particulate matter from this batch asphalt plant shall be controlled by the use of a baghouse.

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

This batch asphalt plant shall not be used to produce asbestos containing material, unless prior Department approval to do so has been obtained.

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

The equipment operated under Source ID No. 102 are placed in the following categories:

(a). Ducted Emissions controlled by Source ID No. C103:

- (1). Rotary Dryer (also has fugitive emissions from the loading of aggregate into the dryer).
- (2). Bucket Elevator.
- (3). Hot Screens.
- (4). Hot Bins.
- (5). Mixer.
- (6). Hot Side Conveying.
- (7). Classifying.

(b). Fugitive Emission Sources:

- (1). Cold Aggregate Bins (loading and unloading).
- (2). RAP Bins and Conveyor.
- (3). Asphalt Cement Storage.
- (4). Truck Load-out.
- (5). Post-truck Load-out.
- (6). Silo Filling.

(c). Miscellaneous source:

- (1) Natural gas fired asphalt tank heater, rated at 0.75 MMBtu/hr.

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

The batch asphalt plant and associated air pollution control devices (Source ID Nos. 102 and C103) have been leased to Allan Myers Materials (formerly Independence Construction Materials).

(a). The contact for operation of the batch asphalt plant is David Schnackenberg from Allan Myers Materials (phone number 610-222-3182).

(b). Throughout the lease or until the expiration of this permit, whichever comes first, Allan Myers Materials is responsible for compliance with the conditions for Source ID Nos. 102 and C103 for the operation of the batch asphalt plant.

(c). Throughout the lease or until the expiration of this State Only Operating Permit, whichever comes first, the permittee shall share the applicable requirements for the batch asphalt plant with Allan Myers Materials shall report the required recordkeeping for the batch asphalt plant to Harleysville Materials, LLC.

**SECTION D. Source Level Requirements**

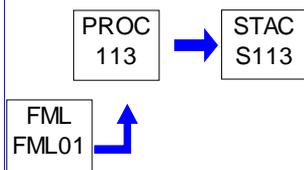
Source ID: 113

Source Name: 202 BHP DIESEL-FIRED ENGINE

Source Capacity/Throughput:

11.200 Gal/HR

Diesel Fuel

**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 any of these emergency generators in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

This source shall meet the following Tier 3 emission standards:

Nitrogen Oxides (NO <sub>x</sub> ):	9.2 g/kW-hr
Hydrocarbon (NMHC):	1.3 g/kW-hr
Non-methane hydrocarbon + NO <sub>x</sub> (NMHC + NO <sub>x</sub> ):	4.0 g/kW-hr
Carbon Monoxide (CO):	3.5 g/kW-hr
Particulate matter (PM):	0.2 g/kW-hr

[EPA certification shall be used to demonstrate compliance with these emission standards.]

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

This source shall only be fired on diesel fuel.

**II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15), or by a Department approved method.

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

**SECTION D. Source Level Requirements**

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

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall monitor the hours of operation and amount of fuel used for this source on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall maintain records of the hours of operation and amount of fuel used for this source on a monthly and 12-month rolling basis.

(b) The permittee shall keep records of fuel tests for sulfur content in the diesel fuel or delivery receipts certifying the sulfur content of the diesel fuel per delivery.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with manufacturer's specifications and good engineering practices.

**VII. ADDITIONAL REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source consists of one (1) diesel-fired, Caterpillar, C6.6-1106D-E66TA, 202 bhp diesel-fired engine, which powers the Warrior 2400 Portable Screener (Source 501).

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

(a) the permittee shall provide written notification to the Department including the destination and duration of each temporary change of location prior to the move. The written notification shall include, at a minimum:

- (1) the intended temporary location;
- (2) a listing of any associated equipment intended to be operated in conjunction with the portable crushing plant; and
- (3) the anticipated duration (including the starting and ending dates) at the temporary location.

(b) relocation places:

(1) If the intended temporary location is located within the Southeast region (Bucks, Chester, Delaware and Montgomery Counties), and the anticipated duration at the temporary location is equal to or greater than 60 days, the permittee shall

**SECTION D. Source Level Requirements**

submit:

- (i) a Request for Determination to the Department prior to the move;
  - (ii) a written notification shall be also sent to the affected municipality; and
  - (iii) a separate application forms and fees for each change in location, if required to be submitted.
- (2) If the intended temporary location is located outside of the Southeast region or the Commonwealth of Pennsylvania,
- (i) the permittee shall submit the written notification to the appropriate Regional Office or governing agency; and
  - (ii) in addition, the permittee shall obtain all necessary permits required by the governing agency for the temporary location prior to the move.
- (c) the permittee shall not modify the portable nonmetallic mineral processing plant or its associated water spray dust suppression system or diesel-fired engine;
- (d) 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;
- (e) 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;
- (f) 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;
- (g) the Department shall receive written notice from the permittee prior to the expected date of return of the portable nonmetallic mineral processing plant to its location for which a Plan Approval/Operating Permit was authorized. There shall be no modification of the crusher or its associated equipment and control device when returned to the permitted facility;
- (h) the portable nonmetallic mineral processing plant and all its associated equipment, dust suppression system, and diesel-fired engine shall be made available at least sixty (60) days prior to the expiration of the plan approval or operating permit (returned and present at its permanent site) for plan approval/operating permit inspections, when necessary. An operating permit or plan approval extension shall not be issued without an inspection while in operation at the permitted facility; and
- (i) if the source is installed and/or operated at a site other than that covered by this operating permit, the permittee shall ensure that the source has the proper approvals, possibly including a plan approval or general permit, prior to installation or operation.

**SECTION D. Source Level Requirements**

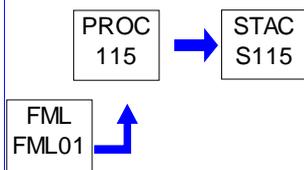
Source ID: 115

Source Name: 500 BHP DIESEL-FIRED ENGINE

Source Capacity/Throughput:

24.900 Gal/HR

Diesel Fuel

**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 any of these emergency generators in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

This source shall meet the following Tier 4 emission standards:

Nitrogen Oxides (NO <sub>x</sub> ):	0.40 g/kW-hr
Non-Methane Hydrocarbon (NMHC):	0.19 g/kW-hr
Carbon Monoxide (CO):	3.5 g/kW-hr
Particulate matter (PM):	0.02 g/kW-hr

[EPA certification shall be used to demonstrate compliance with these emission standards.]

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

This source shall only be fired on diesel fuel.

**II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15), or by a Department approved method.

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

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, showing

**SECTION D. Source Level Requirements**

the maximum percent sulfur in the fuel, is obtained each time a fuel oil delivery is made.

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall monitor the hours of operation and amount of fuel used for this source on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall maintain records of the hours of operation and amount of fuel used for this source on a monthly and 12-month rolling basis.

(b) The permittee shall keep records of fuel tests for sulfur content in the diesel fuel or delivery receipts certifying the sulfur content of the diesel fuel per delivery.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with manufacturer's specifications and good engineering practices.

**VII. ADDITIONAL REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source consists of one (1) diesel-fired, Scania, CV AB, 500 bhp diesel-fired engine, which powers the Premiertrak 600 Portable Jaw Crusher (Source 503).

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

(a) the permittee shall provide written notification to the Department including the destination and duration of each temporary change of location prior to the move. The written notification shall include, at a minimum:

- (1) the intended temporary location;
- (2) a listing of any associated equipment intended to be operated in conjunction with the portable crushing plant; and
- (3) the anticipated duration (including the starting and ending dates) at the temporary location.

(b) relocation places:

(1) If the intended temporary location is located within the Southeast region (Bucks, Chester, Delaware and Montgomery Counties), and the anticipated duration at the temporary location is equal to or greater than 60 days, the permittee shall

**SECTION D. Source Level Requirements**

submit:

- (i) a Request for Determination to the Department prior to the move;
  - (ii) a written notification shall be also sent to the affected municipality; and
  - (iii) a separate application forms and fees for each change in location, if required to be submitted.
- (2) If the intended temporary location is located outside of the Southeast region or the Commonwealth of Pennsylvania,
- (i) the permittee shall submit the written notification to the appropriate Regional Office or governing agency; and
  - (ii) in addition, the permittee shall obtain all necessary permits required by the governing agency for the temporary location prior to the move.
- (c) the permittee shall not modify the portable nonmetallic mineral processing plant or its associated water spray dust suppression system or diesel-fired engine;
- (d) 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;
- (e) 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;
- (f) 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;
- (g) the Department shall receive written notice from the permittee prior to the expected date of return of the portable nonmetallic mineral processing plant to its location for which a Plan Approval/Operating Permit was authorized. There shall be no modification of the crusher or its associated equipment and control device when returned to the permitted facility;
- (h) the portable nonmetallic mineral processing plant and all its associated equipment, dust suppression system, and diesel-fired engine shall be made available at least sixty (60) days prior to the expiration of the plan approval or operating permit (returned and present at its permanent site) for plan approval/operating permit inspections, when necessary. An operating permit or plan approval extension shall not be issued without an inspection while in operation at the permitted facility; and
- (i) if the source is installed and/or operated at a site other than that covered by this operating permit, the permittee shall ensure that the source has the proper approvals, possibly including a plan approval or general permit, prior to installation or operation.

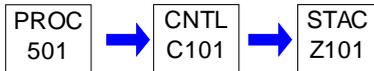
**SECTION D. Source Level Requirements**

Source ID: 501

Source Name: WARRIOR 2400 PORTABLE SCREENER

Source Capacity/Throughput: 800.000 Tons/HR CRUSHED STONE

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The rated capacity of the portable jaw crusher shall not exceed 800 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The source consists of a Powerscreen, Warrior 2400 Portable Screener. This source operates in tandem with Source 113, a Caterpillar C6.6-1106D-E66TA, 202 BHP diesel-fired engine. This source is controlled by a water spray dust suppression system.

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

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

- (a) the permittee shall provide written notification to the Department including the destination and duration of each temporary change of location prior to the move. The written notification shall include, at a minimum:
  - (1) the intended temporary location;
  - (2) a listing of any associated equipment intended to be operated in conjunction with the portable crushing plant; and
  - (3) the anticipated duration (including the starting and ending dates) at the temporary location.
- (b) relocation places:
  - (1) If the intended temporary location is located within the Southeast region (Bucks, Chester, Delaware and Montgomery Counties), and the anticipated duration at the temporary location is equal to or greater than 60 days, the permittee shall submit:
    - (i) a Request for Determination (RFD) to the Department prior to the move;
    - (ii) a written notification shall be also sent to the affected municipality; and
    - (iii) a separate application forms and fees for each change in location, if required to be submitted.
  - (2) If the intended temporary location is located outside of the Southeast region or the Commonwealth of Pennsylvania,
    - (i) the permittee shall submit the written notification to the appropriate Regional Office or governing agency; and
    - (ii) in addition, the permittee shall obtain all necessary permits required by the governing agency for the temporary location prior to the move.
- (c) the permittee shall not modify the portable nonmetallic mineral processing plant or its associated water spray dust suppression system or diesel-fired engine;
- (d) 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;
- (e) 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;
- (f) 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;
- (g) the Department shall receive written notice from the permittee prior to the expected date of return of the portable nonmetallic mineral processing plant to its location for which a Plan Approval/Operating Permit was authorized. There shall be no modification of the crusher or its associated equipment and control device when returned to the permitted facility;
- (h) the portable nonmetallic mineral processing plant and all its associated equipment, dust suppression system, and diesel-fired engine shall be made available at least sixty (60) days prior to the expiration of the plan approval or operating permit (returned and present at its permanent site) for plan approval/operating permit inspections, when necessary. An operating permit or plan approval extension shall not be issued without an inspection while in operation at the permitted facility; and

**SECTION D. Source Level Requirements**

(i) if the source is installed and/or operated at a site other than that covered by this operating permit, the permittee shall ensure that the source has the proper approvals, possibly including a plan approval or general permit, prior to installation or operation.

**SECTION D. Source Level Requirements**

Source ID: 503

Source Name: PREMIERTRAK 600 JAW CRUSHER

Source Capacity/Throughput: 600.000 Tons/HR CRUSHED STONE

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The rated capacity of the portable jaw crusher shall not exceed 600 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The source consists of a Powerscreen, Premiertrak 600 Jaw Crusher. This source operates in tandem with Source 115, a Scania CV AB 500 BHP diesel-fired engine. This source is controlled by a water spray dust suppression system.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall be authorized to operate the portable nonmetallic mineral processing plant at multiple temporary

**SECTION D. Source Level Requirements**

locations provided it meets all of the following conditions:

(a) the permittee shall provide written notification to the Department including the destination and duration of each temporary change of location prior to the move. The written notification shall include, at a minimum:

- (1) the intended temporary location;
- (2) a listing of any associated equipment intended to be operated in conjunction with the portable crushing plant; and
- (3) the anticipated duration (including the starting and ending dates) at the temporary location.

(b) relocation places:

(1) If the intended temporary location is located within the Southeast region (Bucks, Chester, Delaware and Montgomery Counties), and the anticipated duration at the temporary location is equal to or greater than 60 days, the permittee shall submit:

- (i) a Request for Determination (RFD) to the Department prior to the move;
- (ii) a written notification shall be also sent to the affected municipality; and
- (iii) a separate application forms and fees for each change in location, if required to be submitted.

(2) If the intended temporary location is located outside of the Southeast region or the Commonwealth of Pennsylvania,

- (i) the permittee shall submit the written notification to the appropriate Regional Office or governing agency; and
- (ii) in addition, the permittee shall obtain all necessary permits required by the governing agency for the temporary location prior to the move.

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

(d) 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;

(e) 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;

(f) 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;

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

(h) the portable nonmetallic mineral processing plant and all its associated equipment, dust suppression system, and diesel-fired engine shall be made available at least sixty (60) days prior to the expiration of the plan approval or operating permit (returned and present at its permanent site) for plan approval/operating permit inspections, when necessary. An operating permit or plan approval extension shall not be issued without an inspection while in operation at the permitted facility; and

(i) if the source is installed and/or operated at a site other than that covered by this operating permit, the permittee shall ensure that the source has the proper approvals, possibly including a plan approval or general permit, prior to installation or operation.

**SECTION D. Source Level Requirements**

Source ID: 509

Source Name: SUPERIOR 3254 LIBERTY JAW CRUSHER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

The rated capacity of the Jaw Crusher shall not exceed 1000 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

The source consists of the following equipment:

Manufacturer: Superior Liberty Jaw Crusher

Model No.: 3254

Capacity: 1000 tons per hour

Control Device: Water Spray Dust Suppression System

**SECTION D. Source Level Requirements**

Source ID: 510

Source Name: IMPACT CRUSHING PLANT

Source Capacity/Throughput:

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The rated capacity of the Crushing Plant shall not exceed 365 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The Crushing Plant consists of:

Manufacturer: Lippmann-Milwaukee, Inc.

Model No.: 5I65LS

Capacity: 365 tons per hour

Control Device: Water Spray Dust Suppression System

**SECTION D. Source Level Requirements**

Source ID: 511

Source Name: CONE CRUSHER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The rated capacity of the Cone Crusher shall not exceed 320 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The source consists of one cone crusher:

Manufacturer: Terex MPS

Model No.: CRC1150S

Capacity: 320 tons per hour

Control Device: Water Spray Dust Suppression

**SECTION D. Source Level Requirements**

Source ID: 512

Source Name: 14 CONVEYORS AND 5 STACKERS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: SHARED CONDITIONS

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

The rated capacity of the Conveyors and Stackers shall not exceed 1000 tons per hour.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

The source consists of 14 Conveyors and 5 Stackers:

Model No.: 30" X 45' long conveyor

Capacity: 1000 tons per hour

Control Device: Water Spray Dust Suppression System

**SECTION D. Source Level Requirements**

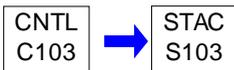
Source ID: C103

Source Name: KNOCKOUT BOX &amp; GENCOR DUST COLLECTOR

Source Capacity/Throughput:

4.000 Lbs/HR

PARTICULATE MATTER

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §122.3]****Adoption of standards.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.92(b).]

On or after the date on which the performance test required to be conducted by 40 C.F.R. § 60.8 is completed, no owner or operator subject to the provisions of 40 C.F.R. § 60 Subpart I shall discharge or cause the discharge into the atmosphere from any affected facility any gases which exhibit 20 percent opacity, or greater.

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

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from this source in accordance with the requirements of 25 Pa. Code § 123.1.

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

(a). Emissions of filterable Particulate Matter (PM) from the dust collector shall not exceed 0.02 grains per dry standard cubic feet.

(b). Emissions of PM-2.5 from the dust collector shall not exceed 6.3 tons per 12-month rolling period.

(c). Emissions of PM-10 from the dust collector shall not exceed 6.3 tons per 12-month rolling period.

(d). Emissions of Total PM from the dust collector shall not exceed 9.1 tons per 12-month rolling period.

[Compliance with paragraph (a) in the above condition also demonstrates compliance with the applicable requirements for particulate matter emissions from 40 C.F.R. § 60.92.]

**Control Device Efficiency Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The pressure drop across the dust collector shall be maintained within 2 - 6 inches w.g.

**II. TESTING REQUIREMENTS.**

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

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

The temperature of effluent gases entering the dust collector shall be monitored daily, when the Batch Asphalt Plant is operating.

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

The permittee shall monitor the pressure drop across the dust collector each operating day.

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

The permittee shall record the pressure drop across the dust collector each operating day.

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

The temperature of effluent gases entering the dust collector shall be recorded daily, when the Batch Asphalt Plant is operating.

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

A log shall be maintained to document maintenance and inspections performed on the knockout box and dust collector, as well as noting when bags are replaced, and how many bags were replaced.

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

Emissions of total PM and PM-10/PM-2.5 shall be calculated and recorded on a monthly basis and as a 12-month rolling sum.

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

(a). The dust collector shall be equipped with a pressure gauge to measure the pressure drop across the dust collector, in inches water gauge (w.g.).

(b). The dust collector shall be equipped with a temperature gauge to measure the temperature of effluent gases entering the dust collector.

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

Spare bags shall be available on site at all times for immediate replacement of worn or torn bags.

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

Once a year, the clean side of the dust collector shall be inspected for signs of leaks (relating to PM emissions).

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

The temperature of effluent gases entering the dust collector shall not exceed 400°F.

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

The dust collector shall be manufactured by Gencor, Model No. CFS182 or equivalent, and the knockout box shall be manufactured by Tarmac.

**SECTION E. Source Group Restrictions.**

Group Name: SHARED CONDITIONS

Group Description: Jaw Crusher and Crushing Plant

Sources included in this group

ID	Name
101	NONMETALLIC MINERAL PROCESSING PLANT
501	WARRIOR 2400 PORTABLE SCREENER
503	PREMIERTRAK 600 JAW CRUSHER
509	SUPERIOR 3254 LIBERTY JAW CRUSHER
510	IMPACT CRUSHING PLANT
511	CONE CRUSHER
512	14 CONVEYORS AND 5 STACKERS

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

No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from this source, pursuant to 25 Pa. Code § 123.1.

[Compliance with this condition assures compliance with the requirements contained in 40 CFR § 60.672(b), Table 3.]

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

The permittee 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 123.13(c)
- (b) 40 CFR § 60.672(b)

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

1. Every five (5) years or once within the life of the permit, the permittee shall demonstrate through a performance test that there are no fugitive emissions generated from the operation of the nonmetallic mineral processing plant (crushing, screening, and conveying operations). Tests shall be conducted in accordance with Method 9, the procedures in 40 CFR § 60.11, 40 CFR § 60.675, and 25 Pa. Code Chapter 139 of the rules and regulations of the Department. The following additions shall be followed:

- a. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
  - b. The observer shall select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
  - c. Visible mist generated from the water suppression system shall not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
2. Testing shall be conducted at least 12 months prior to the expiration of the permit. Test results shall be submitted for review no later than 6 months before permit expiration.
3. At least sixty (60) days prior to the test, the permittee shall submit to the Department for approval the procedures for the

**SECTION E. Source Group Restrictions.**

test.

4. At least thirty (30) days prior to the test, the Regional Manager shall be informed of the date and time of the test. If there is a delay in conducting the test, the permittee shall submit a notice to the Department at least 7 days prior to any rescheduled performance test.

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

6. 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.

[Compliance with these conditions also ensure compliance with the requirements contained in 40 CFR § 60.675(c).]

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

The permittee shall monitor the total amount of material processed on a daily basis, whenever the plant is in operation.

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

When the source is operating, the permittee shall perform daily inspections to ensure that water is flowing to the spray nozzles of the wet suppression system. If the permittee finds that water is not flowing properly during an inspection of the water spray nozzles, the permittee shall not operate the plant and shall initiate corrective action within 2 hours and complete corrective action as expeditiously as practical.

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

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

(a) The permittee shall record the amount of materials processed on a daily basis, whenever the plant is in operation.

(b) The permittee shall calculate and record the total amount of particulate matter (PM, PM-10, and PM-2.5) emitted from the jaw crusher and crushing plant on a monthly, and 12-month rolling basis.

(c) The permittee shall keep a record of all inspections and maintenance activities that are performed on the water spray dust suppression system.

(d) For each instance when US EPA Method 9 is used to determine visible emissions from the crushing plant, the permittee shall keep a record of the results of the test method.

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants  
Reporting and recordkeeping.**

The permittee shall record each inspection of the water spray nozzles, 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.

**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).

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

- (a) The permittee shall operate and maintain this source and associated air pollution control device in accordance with manufacturer's specifications and good air pollution control practices.
- (b) This source shall be equipped with a water spray dust suppression system.
- (c) 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.
- (d) This source shall not be operated if any component of the water suppression system is not working, malfunctions, and/or is determined to have reduced control efficiency.
- (e) The permittee shall use all reasonable means to control fugitive dust emissions from paved and unpaved roadways and stockpiles on the property.

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

The water spray suppression system shall be operated on any occasions that this source is in operation, except in the unusual instances where conditions are such that operation of the sources without simultaneous operation of the water spray suppression system can take place without creating air contaminant emissions in excess of the limitations specified in any applicable Department Rule or Regulation. If however, the water spray dust suppression system associated with this source is incapable of operation due to weather conditions or other reason, the source may not be operated at all.

**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		
102	BATCH ASPHALT PLANT		
<b>Emission Limit</b>			
35.100	Tons/Yr	12-month rolling sum basis	CO
45.000	Lbs/Hr		CO
20.000	Tons/Yr	12-month rolling sum basis	NOX
25.600	Lbs/Hr		NOX
14.500	Tons/Yr	12-month rolling sum basis	VOC
18.600	Lbs/Hr		VOC
113	202 BHP DIESEL-FIRED ENGINE		
<b>Emission Limit</b>			
3.500	gr/KW-Hr		CO
1.300	gr/KW-Hr		Hydrocarbon
4.000	gr/KW-Hr	plus NOx (NMHC+NOx)	NMHC
9.200	gr/KW-Hr		NOX
0.200	gr/KW-Hr		PM10
500.000	PPMV	dry basis	SO2
115	500 BHP DIESEL-FIRED ENGINE		
<b>Emission Limit</b>			
3.500	gr/KW-Hr		CO
0.190	gr/KW-Hr		NMHC
0.400	gr/KW-Hr		NOX
0.020	gr/KW-Hr		PM10
500.000	PPMV	dry basis	SO2
C103	KNOCKOUT BOX & GENCOR DUST COLLECTOR		
<b>Emission Limit</b>			
6.300	Tons/Yr	12-month rolling period	PM10
6.300	Tons/Yr	12-month rolling period	PM2.5
0.020	gr/DRY FT3		TSP
9.100	Tons/Yr	12-month rolling period	TSP

**Site Emission Restriction Summary**

Emission Limit			Pollutant
25.000	Tons/Yr	less than this value on a 12-month rolling sum basis	NOX

**SECTION H. Miscellaneous.**

#001. The following permits and/or plan approvals serve as the basis for certain terms and conditions of this State Only Operating Permit:

46-303-017  
46-310-040  
46-310-042  
PA-46-0166  
PA-46-0166A

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

#003. APS No. 767799; Authorization No. 906920: This State Only Operating Permit was amended because the facility went through a change of ownership. The Administrative Amendment was performed in accordance with the requirements of 25 Pa. Code § 127.450(a)(4).

#004. APS No. 346069; Authorization No. 940272: This State Only Operating Permit was amended to correct the following information:

- (a). Language was added to the facility-wide monitoring for odors, visible emissions, and fugitive particulate matter for monitoring only during times when the facility is in operation.
- (b). Language associated with the operation of wet suppression on the Batch Asphalt Plant (Source ID No. 102) was removed. Allan Myers Materials (formerly Independence Construction Materials) presented data and the Department confirmed that the sources either did not need wet suppression or that the particulate matter emissions from the source were insignificant.
- (c). The monitoring and recording of fuel usage in the rotary kiln associated with the Batch Asphalt Plant was changed from daily to monthly to be consistent with the other monitoring and recording associated with the source. The change does not result in an increase of emissions.
- (d). Source ID Nos. 101 (Portable Crusher 1) and 105 (Generator 1) were removed and replaced by a portable crusher and generator that are currently permitted under GP3-46-0098 and GP9-46-0053 respectively. Source ID Nos. 101 and 105 were removed from the permit, and the Department still has to perform the inspection of the sources under the general plan approvals/general operating permits before incorporating these sources into this State Only Operating Permit.

#005. A permit renewal is being processed under APS No. 346069; AUTH No. 993796. This renewal will incorporate the following general permits: GP3-46-0098 and GP9-46-0053 for a portable jaw crusher and engine (Sources 103 and 106). This renewal will also reinstate Source 101, the non-metallic mineral processing plant.

#006. An Administrative Amendment is being processed under APS No. 767799; AUTH No. 1176166 to incorporate Plan Approval 46-0166C, General Permits GP3-46-0141 and GP11-46-0081, and General Permits GP3-46-0122 and GP11-46-0073.

#007 Permit renewal under APS No. 767799; AUTH No. 1247689 incorporates General Permits GP3-46-0152 and GP3-46-0159.

#008 Permit renewal under APS No. 767799; AUTH No. 1473302 incorporates General Permit GP3-46-0169.



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

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