



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

**STATE ONLY SYNTHETIC MINOR OPERATING PERMIT**

Issue Date: August 29, 2023

Effective Date: October 1, 2023

Expiration Date: September 30, 2028

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

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

**State Only Permit No: 15-00051**

Synthetic Minor

Federal Tax Id - Plant Code: 23-3083827-3

**Owner Information**

Name: ALLAN MYERS LP DBA ALLAN MYERS MATERIALS

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

**Plant Information**

Plant: ALLAN MYERS LP/DEVAULT ASPHALT PLANT

Location: 15 Chester County 15913 Charlestown Township

SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

**Responsible Official**

Name: MARK CARROLL

Title: VICE-PRESIDENT/GM

Phone: (610) 222 - 3174

Email: Mark.carroll@allanmyers.com

**Permit Contact Person**

Name: DAVID SCHNACKENBERG

Title: ENVIRONMENTAL ENGINEER

Phone: (610) 222 - 3182

Email: david.schnackenberg@allanmyers.com

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

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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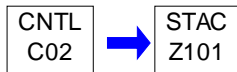
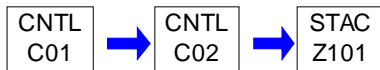
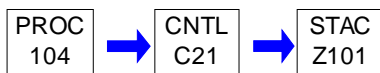
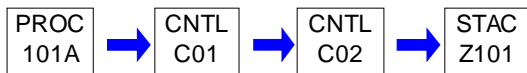
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
101A	DRUM MIX HMA PLANT	450.000 Tons/HR	ASPHALTIC CONCRETE
		155,000.000 CF/HR	Natural Gas
		N/A	#2 Oil
104	RECYCLED ASPHALT PAVEMENT (RAP) CRUSHER	250.000 Tons/HR	RECYCLED ASPHALT CO
C01	CYCLONE	N/A	
C02	BAGHOUSE	N/A	
C21	WATER SPRAY DUST SUPPRESSION SYSTEM		
Z101	ASPHALT PLANT EMISSIONS		

**PERMIT MAPS**

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

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

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

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) N/A
- (8) N/A

(9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

- (i) The emissions are of minor significance with respect to causing air pollution; and
- (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

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

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

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

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

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

- (a) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one (1) hour.
- (b) Equal to or greater than 60% at any time.

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

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

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

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

(a) The permittee shall ensure that the total volatile organic compounds (VOC) emissions from the facility shall not exceed 24.9 tons per year as a twelve (12) month rolling sum.

(b) The permittee shall ensure that the total nitrogen oxides (NO<sub>x</sub>) emissions from the facility shall not exceed 24.9 tons per year as a twelve (12) month rolling sum.

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

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

(a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(c) A fire set for the prevention and control of disease or pests, when approved by the Department.

(d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.

(f) A fire set solely for recreational or ceremonial purposes.

(g) A fire set solely for cooking food.

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

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

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

**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.

**# 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); and

(3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

**SECTION C. Site Level Requirements**

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

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

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 012 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall maintain all records necessary to verify compliance with the pollutant emission limits established in this permit.

**# 013 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall maintain a log of the dates of road sweeping or cleaning. This log shall be in a format approved by the Department and shall be maintained on site for a period of five (5) years and shall be made available upon request.

**# 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 monitoring of objectionable odors, visible emissions, and fugitive particulate matter as required above, shall be recorded and maintained in a format and time frame consistent with, and approved by the Department.

**# 016 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

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

**V. REPORTING REQUIREMENTS.**

**# 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.]

**SECTION C. Site Level Requirements**

- (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.

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

- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner



**SECTION C. Site Level Requirements**

or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

**VI. WORK PRACTICE REQUIREMENTS.****# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

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

To prevent fugitive emissions from the use of the in-plant roads becoming airborne, the permittee shall ensure that all paved in-plant roads shall be swept a minimum one (1) time per week, weather permitting.

**# 021 [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.

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

The permittee shall ensure that the source(s) and air pollution control device(s), listed in this plan permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with

**SECTION C. Site Level Requirements**

manufacturer's specifications.

**# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**VII. ADDITIONAL REQUIREMENTS.****# 024 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

40 CFR § 60.4 requires submission of copies of all requests, reports, applications, submittals, and other communications to both the EPA and the Department. The EPA copies may be submitted electronically to the EPA's Central Data Exchange at <https://cdx.epa.gov/>.

**# 025 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.90]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Applicability and designation of affected facility.**

The Allan Myers L.P. Devault Asphalt Plant is subject to the provisions of 40 CFR § 60, Subpart I (Standards of Performance for Hot Mix Asphalt (HMA) Facilities) and shall comply with all applicable requirements of this subpart.

**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.**

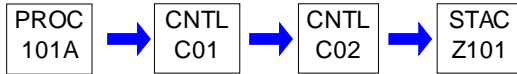
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 101A

Source Name: DRUM MIX HMA PLANT

Source Capacity/Throughput:	450.000 Tons/HR	ASPHALTIC CONCRETE
	155,000.000 CF/HR	Natural Gas
	N/A	#2 Oil

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this burner 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.**

The permittee shall ensure that the emissions of the following pollutants from the Drum Mix HMA Plant (Source ID: 101A) shall not exceed the following:

Pollutant	Emission lb/hr	Emission tons/yr (12-month rolling sum)
Nitrogen Oxides (NO <sub>x</sub> )	11.3	13.3
Volatile Organic Compounds (VOC)	15.6	18.5
Particulate Matter (PM <sub>10</sub> )	14.85	17.6
Sulfur Oxides (SO <sub>x</sub> )	18.9	22.3
Carbon Monoxide (CO)	19.4	22.9

[Compliance with this streamlined condition assures compliance with the particulate matter emission limit in 40 CFR § 60.92(a)(1).]

**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.92]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities  
Standard for particulate matter.**

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

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

[Compliance with this condition assures compliance with 25 Pa. Code §§ 123.13 (c)(1)(i) and 123.41.]

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall ensure that only natural gas is used as the primary fuel in the aggregate dryer/burner.
- (b) The permittee shall ensure that No. 2 fuel oil shall be used only as a back-up fuel in the aggregate dryer/burner.
- (c) The permittee shall ensure that only natural gas is used a fuel for the heat recovery system burner.

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

The permittee shall ensure that the sulfur content of the No. 2 fuel oil used as backup fuel in the aggregate dryer/burner shall not exceed 0.3%.

[Compliance with this condition assures compliance with 25 Pa. Code § 123.21.]

**Throughput Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the production rate of asphaltic concrete from the HMA Plant (Source ID: 101A) shall be limited to 1,064,000 tons per year as 12-month rolling sum.

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

The permittee shall ensure that the maximum firing rate of the aggregate dryer/burner shall not exceed 155,000 standard cubic feet per hour (scfh) of natural gas.

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

- (a) The permittee shall perform a stack test using Department-approved procedures once every five (5) calendar years, where five (5) calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five (5) years later. In accordance with 25 Pa. Code § 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department. Refer to PADEP Source Testing Program website online for further information related to source testing including Source Testing FAQ and the PADEP Source Testing Manual.
- (b) The stack test shall, at a minimum, test for filterable particulate matter and visual opacity. Tests shall be conducted in accordance with the provisions of EPA Method 5 for filterable particulate matter (FPM) and EPA Method 9 for visual opacity pursuant to the procedures in 40 CFR § 60.11, or other Department approved methodology and 25 Pa. Code Chapter 139. Tests shall also be conducted in accordance with the provisions of the current version of the DEP Source Testing Manual and the EPA Clean Air Act National Stack Testing Guidance.
- (c) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
- (d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.
- (e) Within sixty (60) days after the source test(s) (unless a more stringent regulatory requirement applies), an electronic copy of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

**SECTION D. Source Level Requirements**

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

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

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

Southeast Region  
RA-EPSEstacktesting@pa.gov

Central Office  
RA-EPstacktesting@pa.gov

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

## 1. Test Date(s)

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

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

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

## 4. Testing Requirements (all that apply)

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

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

**# 010 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

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

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

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

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

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

**SECTION D. Source Level Requirements**

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

**# 011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.93]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Test methods and procedures.**

The permittee shall determine compliance with the particulate matter standards in §60.92 as follows:

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

(b) Method 9 and the procedures in §40 CFR 60.11 shall be used to determine opacity. Pursuant §60.11(b), for purposes of determining initial compliance, the minimum total time of observations shall be 3 hours (30 6-minute averages) for the performance test or other set of observations (meaning those fugitive-type emission sources subject only to an opacity standard).

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

(a) The permittee shall monitor the following for the Drum Mix HMA Plant (Source ID: 101A), when operating:

- (1) the hourly production rate.
- (2) the hours of operation when firing No. 2 fuel oil.

(b) The permittee shall monitor and calculate the pollutant emissions on an hourly and 12-month rolling basis.

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

The permittee shall monitor the following for the aggregate dryer/burner on a monthly basis, when operating:

- (a) the fuel usage of the natural gas using a flow meter.
- (b) the hours of operation when firing No. 2 fuel oil.

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

The permittee shall maintain monthly records of the following for the aggregate dryer burner, when operating:

- (a) the natural gas usage.
- (b) the hours of operation when firing No. 2 fuel oil.

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

The permittee shall maintain the following records for the Drum Mix HMA Plant (Source ID: 101A), when operating:

- (a) the hourly production rate.
- (b) the hours of operation when firing No. 2 fuel oil.
- (c) the criteria pollutants emissions estimates on an hourly and monthly basis.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

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

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

The permittee shall ensure that the aggregate dryer/burner shall be operated and maintained in accordance with manufacturer's specifications and good engineering practice.

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

(a) The Drum Mix HMA Plant (Source ID: 101A), manufactured by Standard Havens, model no. E500, has a rated peak processing capacity of 450 tons/hr.

(b) The aggregate dryer/burner, manufactured by Cedar Rapids; model no. DA170-150, has rated heat input capacity of 160 MMBtu/hr.

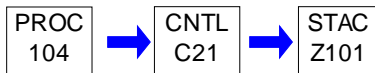
(c) The heat recovery system, manufactured by MAXAM Equipment, Inc., model type MAXAMizer, is equipped with a natural gas-fired burner with a rated heat input capacity of 10 MMBtu/hr.

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: RECYCLED ASPHALT PAVEMENT (RAP) CRUSHER

Source Capacity/Throughput: 250.000 Tons/HR RECYCLED ASPHALT CONCRETE

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

# 001 [25 Pa. Code §123.13]

**Processes**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the following for the Recycled Asphalt Pavement (RAP) crushing and screening operation (Source ID: 104) on a daily basis, when operating:

- (a) The number of hours the RAP system is operated.
- (b) The amount of RAP processed through the system.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain records of the following for the Recycled Asphalt Pavement (RAP) crushing and screening operation (Source ID: 104) on a daily basis, when operating:

- (a) The number of hours the RAP system is operated.
- (b) The amount of RAP processed through the system.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the Water Spray Dust Suppression System (Source ID: C21) shall be operated any and all times when the Recycled Asphalt Pavement crushing and screening system (Source ID: 104) is operating, except in those instances where conditions are such that operation of the emission source without the simultaneous operation of the



**SECTION D. Source Level Requirements**

pollution control system (PCS) can take place without creating air contaminant emissions in excess of the limitation specified in any applicable Department rule or regulation.

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

The permittee shall ensure that materials processed through the Recycled Asphalt Pavement crushing and screening system (Source ID: 104) shall be limited to recycled asphalt pavement (RAP).

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

The permittee shall ensure that Recycled Asphalt Pavement (RAP) crushing and screening system (Source ID: 104) shall not be processed in the aggregate dryer/burner.

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

The Recycled Asphalt Pavement crushing and screening system (Source ID: 104) is manufactured by Hazemag, model no. APSE 1013Q.

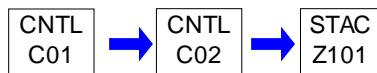
**SECTION D. Source Level Requirements**

Source ID: C01

Source Name: CYCLONE

Source Capacity/Throughput:

N/A

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

The permittee shall ensure that the overall efficiency of the Cyclone (Source ID: C01) shall be maintained at a minimum 67%.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

The Cyclone (Source ID: C01), manufactured by Standard Havens, has the following design specifications:

- (a) No. of cyclones: 1
- (b) Diameter of the cyclone cylinder: 11.5 feet
- (c) Length of the cyclone cylinder: 9.5 feet.

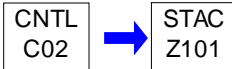
**SECTION D. Source Level Requirements**

Source ID: C02

Source Name: BAGHOUSE

Source Capacity/Throughput:

N/A

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the emission of particulate matter from the baghouse (Source ID: C02) to the atmosphere shall not exceed 0.02 grain/dscf.

**Control Device Efficiency Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the overall control efficiency across the cyclone (Source ID: C01) and baghouse (Source ID: C02) shall be at a minimum 99.9%

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the pressure drop across the baghouse (Source ID: C02) shall be monitored on a daily basis, when operating.

**IV. RECORDKEEPING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the pressure drop across the baghouse (Source ID: C02) shall be recorded on a daily basis, when operating.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the baghouse (Source ID: C02) shall be equipped with a pressure measuring device to continuously measure the pressure drop across the control device.

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

**SECTION D. Source Level Requirements**

(a) The permittee shall ensure that the pressure drop across the baghouse (Source ID: C02) shall be between 1 inches to 7 inches (w.g.).

(b) The permittee shall ensure that the storage and handling of the material collected in the baghouse (Source ID: C02) shall not, at any time, result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code § 123.1.

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The baghouse (Source ID: C02), manufactured by Standard Havens, model no. 41 Magnum, has the following design specifications:

- (a) Type: Nomex fabric filter
- (b) No. of Compartments: 1
- (c) No. of bags per compartment: 656
- (d) Air-to-Cloth ratio: 4.1:1
- (e) Method of bag cleaning: pulse jet.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
101A	DRUM MIX HMA PLANT		
<b>Emission Limit</b>			<b>Pollutant</b>
19.400	Lbs/Hr		CO
22.900	Tons/Yr	12-month rolling sum	CO
11.300	Lbs/Hr		NOX
13.300	Tons/Yr	12-month rolling sum	NOX
18.900	Lbs/Hr		SOX
22.300	Tons/Yr	12-month rolling sum	SOX
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3	particulate matter	TSP
14.850	Lbs/Hr		TSP
17.600	Tons/Yr	12-month rolling sum	TSP
15.600	Lbs/Hr		VOC
18.500	Tons/Yr	12-month rolling sum	VOC
104	RECYCLED ASPHALT PAVEMENT (RAP) CRUSHER		
<b>Emission Limit</b>			<b>Pollutant</b>
0.040	gr/DRY FT3	particulate matter	TSP
C02	BAGHOUSE		
<b>Emission Limit</b>			<b>Pollutant</b>
0.020	gr/DRY FT3	particulate matter	TSP

**Site Emission Restriction Summary**

Emission Limit			Pollutant
24.900	Tons/Yr	12-month rolling sum	VOC
24.900	Tons/Yr	12-month rolling sum	NOX

**SECTION H. Miscellaneous.**

- (a) 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:
- (i) Hot oil heater
- (b) The following previously issued Operating Permits and Request For Determination(s) serves as the basis for certain terms and conditions set forth in this Title V Permit:
- (i) Operating Permit No. 15-303-012 (Drum Mix Asphalt Plant)
  - (ii) Operating Permit No. 15-303-012A (Drum Mix Asphalt Plant and Crushing Plant)
  - (iii) Request For Determination ID: 5544 (10 MMBtu/hr, natural gas heat recovery system)
- (c) The State Only Operating Permit 15-00051 (APS No.: 641928, Auth ID: 748500) has been minor modified to change the pressure drop range for the baghouse to 2 to 7 inches (w.g.).
- (d) DEP has amended this State Only Operating Permit 15-00051 (APS No.: 641928, Auth ID: 802572) to revise a Source Level Requirement condition for the RAP crusher (Source 104, Condition #007) to allow operation of the source without the water spray dust suppression system being operated, without creating air contaminant emissions in excess of the limitation specified in any applicable Department rule or regulation.
- (e) DEP has revised the State Only Operating Permit 15-00051 (APS No.: 641928, Auth ID: 919086) to remove the testing requirement for the RAP Crusher (Source ID: 104) and include it as an applicable testing requirement for the Drum Mix Asphalt Plant (Source ID: 101) and the Aggregate Dryer/Burner (Source ID: 102).
- (f) The State Only Operating Permit 15-00051 (APS No.: 686940, Auth ID: 963511) has been renewed.
- (g) The State Only Operating Permit 15-00051 (APS No.: 877615, Auth ID: 1085052) has been administratively amended for a Change Of Ownership (COO).
- (h) The State Only Operating Permit 15-00051 (APS No.: 877615, Auth ID: 1085052) has been administratively amended to identify a change of the Responsible Official identified in the permit.
- (i) The State Only Operating Permit 15-00051 (APS No.: 686940, Auth ID: 1212891) has been renewed.
- (j) The State Only Operating Permit 15-00051 (APS No. 877615, Auth ID 1418265, August 2023) has been renewed.





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

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