



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: February 19, 2025

Effective Date: March 5, 2025

Expiration Date: February 19, 2030

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: 26-00177

Synthetic Minor

Federal Tax Id - Plant Code: 25-1205089-2

Owner Information

Name: GOLDEN EAGLE CONST CO
Mailing Address: PO BOX 945
UNIONTOWN, PA 15401-0945

Plant Information

Plant: GOLDEN EAGLE CONST CO/COOLSPRING ASPHALT PLT
Location: 26 Fayette County 26927 North Union Township
SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

Responsible Official

Name: KENNETH R MARCINKO
Title: PLANT SUPERINTENDENT
Phone: (724) 437 - 3750 Email: goldeneaglelab@gmail.com

Permit Contact Person

Name: KENNETH MARCINKO
Title: PLANT SUPERINTENDENT
Phone: (724) 437 - 3750 Email: goldeneaglelab@gmail.com

[Signature] _____

MARK R. GOROG, P.E., ENVIRONMENTAL PROGRAM MANAGER, SOUTHWEST REGION



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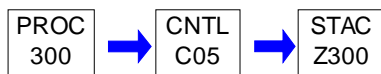
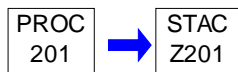
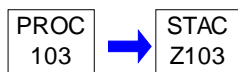
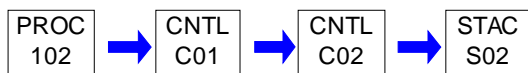
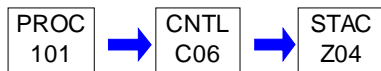
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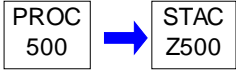
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	AGGREGATE HANDLING		
102	BARBER-GREENE HMA PLANT #1		
103	HOT OIL HEATER PLANT #1		
200	GENCOR HMA PLANT 2		
201	HOT OIL HEATER PLANT #2		
300	RAP CRUSHING SYSTEM		
400	PLANT ROADWAYS		
500	TWO (2) LIQUID PROPANE TANKS (18,000 & 30,000-GALLON TANKS)		
C01	BARBER-GREENE PRIMARY COLLECTOR 1		
C02	BARBER-GREENE MIKRO-PULSAIRE BAGHOUSE (PLANT 1)		
C03	GENCOR PRIMARY COLLECTOR PLANT 2		
C04	GENCOR CFS184 BAGHOUSE (PLANT 2)		
C05	WATER SPRAYS FOR RAP SYSTEM		
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S04	GENCOR BAGHOUSE STACK		
Z04	FUGITIVE EMISSIONS		
Z103	HOT OIL HEATER PLANT #1 FUGITIVES		
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Z300	RAP FUGITIVES		
Z500	TWO (2) LIQUID PROPANE TANKS 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_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

#015 [25 Pa. Code § 127.11a]**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 §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.

(7)-(8) Not applicable.

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator 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.

(b) Not applicable.

(c) See Work Practice Standards Requirements.

(d) Not applicable.

002 [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 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.

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

(a) Not applicable.

(b) 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.

(c) Not applicable.

004 [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:

**SECTION C. Site Level Requirements**

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

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

The limitations of §123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) When arising from the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

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

Total facility-wide emissions shall not exceed the following limits on a 12-month rolling basis:

- a) 95.0 tpy CO;*
- b) 11.0 tpy NO_x;
- c) 2.0 tpy SO_x;
- d) 11.0 tpy VOC; and
- e) 28.0 tpy PM-10.

*Established from initial Synthetic Minor State-Only Operating Permit, Section C, Condition #006, issued on November 26, 2002.

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

- (a) Not applicable.
- (b) No person may permit the open burning of material in an area outside of air basins in a manner that:
 - (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
 - (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
 - (3) The emissions interfere with the reasonable enjoyment of life or property.
 - (4) The emissions cause damage to vegetation or property.
 - (5) The emissions are or may be deleterious to human or animal health.
- (c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:
 - (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a

**SECTION C. Site Level Requirements**

public officer.

(2) A fire set for the purpose of instructing personnel in firefighting, when approved by the Department.

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

(4) Not applicable.

(5) Not applicable.

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

(7) A fire set solely for cooking food.

(d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Not applicable.

(3) Subsection (b) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

Fuel Restriction(s).

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Owner/Operator is approved to burn the following fuels:

- 1.) Natural gas
- 2.) Propane
- 3.) No. 2 fuel oil

II. TESTING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

If at any time the Department has reason to believe that the air contaminant emissions from the exhaust of a fabric collector (baghouse) associated with a hot mix asphalt (HMA) plant are, or may be, in excess of any applicable air contaminant emission limitation, the Owner/Operator shall conduct such stack tests or source tests as requested by the Department to



SECTION C. Site Level Requirements

determine the actual air contaminant emission rate. The Owner/Operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the Owner/Operator is notified, in writing, of the need to conduct testing.

III. MONITORING REQUIREMENTS.

010 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

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

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

A facility-wide inspection shall be conducted at a minimum of once each day that the facility is operated by the Owner/Operator. The facility-wide inspection shall be conducted for the presence of the following:

- a. Visible stack emissions;
- b. Fugitive emissions; and
- c. Potentially objectionable odors at the property line.

These observations are to ensure continued compliance with source-specific visible emission limitations, fugitive emissions prohibited under 25 Pa. Code §123.1 or §123.2, and malodors prohibited under 25 Pa. Code §123.31.

Observations for visible stack emissions shall be conducted during daylight hours, and all observations shall be conducted while sources are in operation.

If any visible stack emissions, fugitive emissions, or potentially objectionable odors are apparent, the Owner/Operator shall take corrective action. If any visible emissions are apparent after the corrective action, sources of emissions shall not start until the permittee can verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader.

IV. RECORDKEEPING REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Owner/Operator shall maintain the following records for each asphalt plant in a log on site or at an alternative location acceptable to the Department for a minimum of five years and shall be made available to the Department upon request:

- 1.) Daily, monthly, and 12-month rolling totals for asphalt production;
- 2.) Daily visible, fugitive, and potential objectionable odor inspection and records including the date, time, name, and title of observer, along with any corrective action taken as a result;
- 3.) 12-month rolling totals for gallons of liquid fuel used;
- 4.) Hours of operation while firing each liquid fuel;
- 5.) Fuel analysis records;
- 6.) 12-month rolling totals for each pollutant (CO, NO_x, SO_x, VOC, and PM-10);
- 7.) Daily pressure drop readings across each air cleaning device, as applicable;
- 8.) The time when each plant's burners are ignited and the time when each plant starts producing HMA; and
- 9.) A weekly preventive maintenance inspection of fabric collector records.

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

Compliance with mass emission limits established in this operating permit may be demonstrated using engineering calculations based on fuel and raw material purchase records, laboratory analyses, manufacturers specifications, AP-42 emission factors, source test results, operating records, material balance methods, and/or other applicable methods, with written Department approval.

014 [25 Pa. Code §135.5]**Recordkeeping**

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with §135.3 and §135.21 (relating to reporting; and emission statements). These 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

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

- i.) Malfunction means any sudden, infrequent, and not reasonably preventable failure of air pollution control or process equipment, or, operating in a non-permitted manner, which results in, or may possibly be resulting in, the emission of air contaminants in excess of any applicable limitations specified in the permit.
- ii.) When a malfunction or incident poses an imminent danger to the public health, public safety, or the environment, the owner/operator shall report the malfunction or incident to the Department and the County Emergency Management Agency within two hours after the discovery of a malfunction or incident. The owner/ operator shall submit a written report of instances of such malfunctions or incidents to the Department within three (3) business days of the telephone report.
- (a) The report shall describe the following:
1. name and location of the facility,
 2. nature and cause of the malfunction or incident,
 3. time when the malfunction or incident was first observed,
 4. expected duration of excess emissions,
 5. estimated rate of emissions, corrective actions or preventative measures taken.
- iii.) Any malfunction that is not subject to the notice requirements of paragraph (ii) 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 business days of discovery of the malfunction. The report shall contain the same information required by paragraph (ii)(a) above.
- iv.) The Owner/Operator shall notify the Department in writing or by e-mail within five business days of when corrective measures have been accomplished.
- v.) When a malfunction or other incident results in a citizen complaint, DEP will review the complaint and DEP may notify the owner or operator for the follow up report if needed. The owner or operator must submit the requested information in a follow up report as requested by DEP.
- vi.) Reports regarding malfunctions or incidents shall be submitted to the appropriate DEP Regional Office Air Program Manager.

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §135.3]****Reporting**

(a) The Owner/Operator shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for 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.

(b) The Owner/Operator 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.**# 017 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(c) A person responsible for any source specified in subsections (a)(1) -- (7) or (9) shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

- a) All conveying equipment, stackers, and front-end loaders used to transfer, stockpile, and load aggregate shall maintain a minimal amount of drop height at all times so as to prevent fugitive emissions.
- b) Stockpiles shall be kept as compact as possible to limit exposure to the wind. Material shall be stockpiled in such a manner that it may be adequately wetted as necessary to control fugitive emissions.
- c) A set vehicle pattern shall be established and maintained for vehicles entering and existing the plant.
- d) The owner or operator shall post and enforce a requirement stating "All vehicles entering or exiting the plant property shall be properly tarpaulin covered." Vehicles with a gross vehicle weight rating of less than 10,000 pounds shall be exempt from this condition.
- e) No fugitive air contaminant emissions shall be generated as a result of removing collected dust from the baghouse or as a result of subsequently handling the collected dust on-site following its removal from the collector.

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

The permittee shall operate all air contamination sources and air cleaning devices at this facility in accordance with the manufacturers' specifications.

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

The permittee shall comply with the following work practice standards:

- 1.) All trucks carrying bulk material shall be tarped when entering/leaving the plant.
- 2.) All piles and bins shall be constructed or filled in such a way as to minimize fugitive dust.

**SECTION C. Site Level Requirements**

3.) At no time shall the permittee undertake any activity, even when in compliance with the above work practices, such that it permits fugitive dust from the plant to cross the property line.

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

The facility shall not produce asphalt concrete until the subject plant has reached normal operating temperature. Compliance with this requirement shall be demonstrated by recording the time when the plant's burners are ignited, and when the plant starts producing asphalt concrete.

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

The Owner/Operator shall perform a weekly preventative maintenance (PM) inspection of the fabric collector and maintain a PM Log documenting inspection procedures, observations and corrective actions. The PM inspection shall include, but not be limited to, the following:

- a. Visual inspection of the fabric collector interior for dislodged bags, bag wear and dust build-up inside the fabric collector.
- b. Visible inspection of the fabric collector effluent for the presence of visible emissions.

All other maintenance activities are performed on the fabric collector at the frequency recommended by the manufacturer.

The use of fluorescent dust and a black light to alert the operator of malfunctioning bags at start-up of each season is recommended

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

The following analytical techniques and methods, or alternative methods approved in writing by the Department, will be accepted for the analyses required by this operating permit.

Constituent	Analytical Technique
Arsenic	EPA Method 6010, 6020, 7010, 7061, or 7062
Cadmium	EPA Method 6010, 6020, 7000 or 7010
Chromium	EPA Method 6010, 7000 or 7010
Lead	EPA Method 6010, 7000 or 7010
PCBs	EPA Method 8082
TX	EPA Method 9075, 9076, or 9077
Flash Point	EPA Method 1010 or ASTM D93
Ash	ASTM D482
Sulfur	ASTM D3227, D1552, D4294, or D129

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: AGGREGATE HANDLING

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

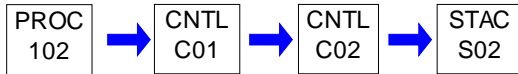
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: BARBER-GREENE HMA PLANT #1

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ASPHALT PLANTS

**I. RESTRICTIONS.****Operation Hours Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Barber-Greene HMA Plant (Plant 1) shall not exceed 1,040 hours of operation on a 12-month rolling basis.

Throughput Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Total production at the Barber-Greene HMA Plant (Plant 1) shall not exceed 187,200 tons per year (TPY) on a 12-month rolling basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

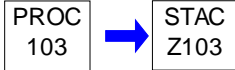
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: HOT OIL HEATER PLANT #1

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

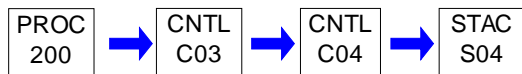
**SECTION D. Source Level Requirements**

Source ID: 200

Source Name: GENCOR HMA PLANT 2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ASPHALT PLANTS

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

In accordance with Plan Approval PA-26-177A, Condition #7, particulate emissions from the Gencor HMA Plant (Plant 2) shall not exceed 0.02 grains per dry standard cubic foot.

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

In accordance with Plan Approval PA-26-177A, Condition #7, visible emissions from the baghouse shall not equal or exceed 10% opacity.

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

The Gencor HMA Plant (Plant 2) shall not exceed 2,000 hours of operation on a 12-month rolling basis.

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

Total production at the Gencor HMA Plant (Plant 2) shall not exceed 600,000 tons per year (TPY) on a 12-month rolling basis.

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).



SECTION D. Source Level Requirements

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

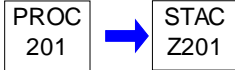
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 201

Source Name: HOT OIL HEATER PLANT #2

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 300

Source Name: RAP CRUSHING SYSTEM

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

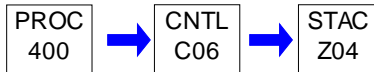
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 400

Source Name: PLANT ROADWAYS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

- a) All in-plant roads shall be watered once per day during warm weather, at the start of each shift, if no precipitation has fallen within the previous twenty-four (24) hours, and as needed thereafter on a preventative basis such that visible fugitive emissions are controlled. Other methods of dust control may be used when weather conditions make the watering of unpaved roads hazardous.
- b) The owner or operator shall promptly remove earth or other material from paved roads onto which earth or other material has been transported by trucking or earth moving equipment, or other means.
- c) The owner or operator shall post a sign limiting speeds to less than that 15 mph on all in-plant roads

VII. ADDITIONAL REQUIREMENTS.

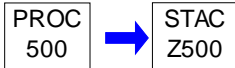
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 500

Source Name: TWO (2) LIQUID PROPANE TANKS (18,000 & 30,000-GALLON TANKS)

Source Capacity/Throughput:

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

001 [25 Pa. Code §129.57]

Storage tanks less than or equal to 40,000 gallons capacity containing VOCs

The provisions of this section apply to above ground stationary storage tanks with a capacity equal to or greater than 2,000 gallons which contain volatile organic compounds with vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions. Storage tanks covered under this section shall have pressure relief valves which are maintained in good operating condition and which are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department. Section 129.56(g) (relating to storage tanks greater than 40,000 gallons capacity containing VOCs) applies to this section. Petroleum liquid storage vessels which are used to store produced crude oil and condensate prior to lease custody transfer shall be exempt from the requirements of this section

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: ASPHALT PLANTS

Group Description: Asphalt Plants #1 and #22

Sources included in this group

ID	Name
102	BARBER-GREENE HMA PLANT #1
200	GENCOR HMA PLANT 2

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

(a) Not Applicable.

(b) No person may permit the emission into the outdoor atmosphere of particulate matter from the process , at any time, either in excess of the rate calculated by the formula below or in such a manner that the concentration of particulate matter in the effluent gas exceeds .02 grains per dry standard cubic foot, whichever is greater:

$$A = .76E^{(0.42)}$$

where:

A = Allowable emissions in pounds per hour.

E = Emission index = F x W pounds per hour.

F = Process factor* = 6 pounds per ton.

W = Production or charging rate in tons per hour.

*The factor F was extracted from Table (1), 25 Pa. Code §123.13. The factor is applicable to Asphaltic Concrete Production.

(1) - (2) Not applicable.

(d) Not applicable.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

The owner or operator may not use a fuel to fire a burner at the plant that exceeds the sulfur limits stated below:

1.) For No.2 fuel oil, biodiesel and alternative fuels, = 0.3%, by weight.

2.) For No.4 fuel oil and WDLF, = 0.5%, by weight.

Fuel analysis records shall be used to demonstrate compliance with the above sulfur limitations. For each shipment of any liquid fuel, fuel sulfur content shall also be demonstrated by providing the supplier's fuel certification for the type of fuel received.

**SECTION E. Source Group Restrictions.****Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall only burn liquid propane, natural gas, or No. 2 fuel oil to power the HMA plants.

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

The permittee (or designee) shall conduct periodic testing to demonstrate good combustion practices at this facility.

1. Permittee shall use a portable CO analyzer that is acceptable to the Department.
2. The CO and NO_x content of the exhaust gases shall be tested at a representative point downstream of the burner. The duration of the demonstration test shall be one hour.
3. The owner or operator shall conduct a burner tuning procedure for each burner in accordance with the manufacturer's specifications to minimize NO_x and CO emissions each year. The owner or operator shall conduct each annual tune-up no later than June 15 of each year or within four (4) weeks after each start-up of the HMA plant. The frequency of subsequent testing shall depend on the plant's fuel usage record. If the plant burns only one fuel, only one test per season is normally required. If the plant switches fuels, the plant is required to repeat testing within each 500-hour operating period following the first test. Conducting a burner tuning procedure in accordance with the manufacturer's specifications will be adequate to satisfy this condition. The permittee shall keep records of all testing results for a minimum of five years and make them available to the Department upon request.
4. CO levels of less than 500 PPM at 7% O₂ shall be acceptable to demonstrate compliance with the plant's CO emission limitations. Should the plant fail to demonstrate compliance with the CO limit, the company shall take immediate actions to correct the combustion problem. If the problem can be corrected within the duration of the one hour test, the company is only required to keep a record of the episode and make it available to the Department upon request. If the desired CO limits cannot be achieved during the one hour test, the company shall notify the Department within 24 hours of a failure to demonstrate good combustion. Within 14 days, the company must follow up the notification with a control plan, agreeable to the Department, which will reduce the CO concentrations to acceptable levels.

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

Stack testing shall be conducted on each of the asphalt plants, at a minimum of once every five years, in accordance with 25 Pa Code Chapter 139, 40 CFR Part 60 Appendix A, and the Department's Source Testing Manual, to demonstrate compliance with the NO_x, CO, VOC, and particulate emissions limitations in this permit.

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

This facility is subject to the New Source Performance Standards (NSPS) of 40 CFR, Part 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities. In accordance with 40 CFR §60.4, copies of all requests, reports, applications,

**SECTION E. Source Group Restrictions.**

and submittals, and other communications, shall be forwarded to both the EPA and the Department at the addresses listed below, unless otherwise noted.

Associate Director
Office of Air Enforcement and Compliance Assistance 3AP20
US EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

And

Pennsylvania Department of Environmental Protection
Air Quality Program
400 Waterfront Drive
Pittsburgh, PA 15222-4745

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

The Owner/Operator shall provide EPA with the notifications required by 40 CFR 60.7. Required notifications may include but are not necessarily limited to: date of commencement of construction (within 30 days after starting construction), date of anticipated start-up (30-60 days prior to equipment start-up), actual start-up date (within 15 days after equipment start-up), physical or operational changes (60 days or as soon as practicable before equipment start-up), opacity observations (within 30 days), and performance test (60 days before testing).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

Source 102 - The Barber-Greene HMA Plant (Plant 1) consists of the following equipment:

- B-1 Aggregate Storage Bin (Natural Sand), 50 Ton Capacity
- B-2 Aggregate Storage Bin (#10's Stone Dust), 50 Ton Capacity
- B-3 Aggregate Storage Bin (#8's), 50 Ton Capacity
- B-4 Aggregate Storage Bin (#57's), 50 Ton Capacity
- C-01 18 Inch Discharge Conveyor Belt (B-1)
- C-02 18 Inch Discharge Conveyor Belt (B-2)
- C-03 18 Inch Discharge Conveyor Belt (B-3)
- C-04 18 Inch Discharge Conveyor Belt (B-4)
- C-05 24 Inch Under Conveyor Collecting Belt
- C-06 24 Inch Incline Conveyor to Dryer
- D-1 DC 65 Barber Greene Rotary Dryer, 7 feet Diameter x 30 feet Length
- BRN-1 Hauck (Propane Fired) Burner, SJ360 (75.6 MMBtu/hr)
- BE-1 Barber Greene Vertical Bucket Elevator
- BT Barber Greene Batch Tower
 - a. 5' x 14' Horizontal Screen (3.5 Deck) Enclosed
 - b. 4 – Hot Aggregate Storage Bins (Total 40 Tons Capacity)
 - c. Weigh Hopper Section (3 Ton Capacity)
 - d. Pugmill Mixing Chamber (3 Ton Capacity)
- AC-1 15,000-gallon Asphalt Storage Tank
- AC-2 15,000-gallon Asphalt Storage Tank
- PC-1 Vertical Primary Collector
- BH-1 Mikro-Pulsaire Baghouse rated at 22,667 scfm
 - a. 624 Bags @4.625-inch diameter x 100 inch, Nomex Good for 425°F
- E-1 Primary Exhaust Fan (# Size 137)
- MS-1 Mineral Silo (500 Barrel)
- COMP-1 50 hp Quincy Air Compressor
- Stack-1 Stack, 4-Foot Diameter x 30 inches High

Source 200 - The Gencor HMA Plant (Plant 2) consists of the following equipment:

- B-5 Raw Aggregate Gencor Storage Cold Bin (#57's), 150 Ton Capacity
- B-6 Raw Aggregate Gencor Storage Cold Bin (#8's), 150 Ton Capacity
- B-7 Raw Agg. Gencor Storage Cold Bin (Manufactured Sand), 150 Ton Cap.
- B-8 Raw Aggregate Gencor Storage Cold Bin (River Sand), 150 Ton Capacity
- B-9 Raw Aggregate Gencor Storage Cold Bin (Spare), 150 Ton Capacity
- C-07 30 Inch Gencor Discharge Conveyor Belt (B-5)
- C-08 30 Inch Gencor Discharge Conveyor Belt (B-6)
- C-09 30 Inch Gencor Discharge Conveyor Belt (B-7)
- C-10 30 Inch Gencor Discharge Conveyor Belt (B-8)
- C-11 30 Inch Gencor Discharge Conveyor Belt (B-9)
- C-12 36 Inch Gencor Collecting Conveyor
- SN-1 Deister Double Deck Scalping Screen, 6 feet x 16 feet
- C-13 36 Inch Gencor Incline Conveyor
- B-10 RAP, LB Smith Storage Cold Bin, -1/2 Inch RAP, 50 Ton Capacity
- B-11 RAP, LB Smith Storage Cold Bin, -1 1/2 Inch RAP, 50 Ton Capacity
- C-14 36 Inch LB Smith -1/2 Inch RAP Discharge Conveyor Belt (B-10)
- C-15 36 Inch LB Smith -1 1/2Inch RAP Discharge Conveyor Belt (B-11)
- C-16 30 Inch RAP Collecting Conveyor, LB Smith
- SN-2 Deister Double Deck Scalping Screen, RAP, 5 feet x 10 feet
- C-17 30 Inch LB Smith Inlet Conveyor, RAP
- D-2 Gencor 500 Ton 10 feet 8-inch x 50 feet Drum, M/N 500UDS
- BRN-2 Gencor Burner, 150 Million Btu, Propane Fired
- Screw-1 14-inch Diameter Gencor Screw Conveyor to Drum Mixer
- DD-1 Double Dump Valve, Platto M/N S8 1295 (15 tph max)
- AB-1 Air Blower, Gardner Denver Duraflow, M/N GGAACA
- MS-2 600 BBL Mineral Fill Silo, Gencor, M/N600BMF-69754

**SECTION H. Miscellaneous.**

MF-1 Mineral Feeder, Gencor
Screw-2 14-inch Diameter Gencor Transfer Screw Conveyor
SLAT-1 Main Slat, Gencor, MN 500TPHSC-106-1493-98-NA
SLAT-2 Transfer Slats, Gencor, MN 500 TPHTC, 500 tph
SLAT-3 Transfer Slats, Gencor, MN 500 TPHTC, 500 tph
SLAT-4 Transfer Slats, Gencor, MN 500 TPHTC, 500 tph
SLAT-5 Transfer Slats, Gencor, MN 400 TPHTC, 400 tph
SLAT-6 Transfer Slats, Gencor, MN 400 TPHTC, 400 tph
SILO-1 HMA Storage Silo, Gencor, 300-ton Capacity
SILO-2 HMA Storage Silo, Gencor, 300-ton Capacity
SILO-3 HMA Storage Silo, Gencor, 300-ton Capacity
SILO-4 HMA Storage Silo, Gencor, 250-ton Capacity
SILO-5 HMA Storage Silo, Gencor, 250-ton Capacity
SILO-6 HMA Storage Silo, Gencor, 250-ton Capacity
COMP-2 Air Compressor, Gardner Denver, 160 ACFM
AC-3 Asphalt Oil Aboveground Storage Tank, Gencor, 30,000 gallons.
AC-4 & 5 Asphalt Oil Aboveground Storage Tank, Gencor, 15,000 gallons each
AC-6 Asphalt Oil Calibration Tank, Gencor, Normally Empty
PC-2 Primary Collector, Gencor, Approximately 15 tph Maximum Agg. Flow
BH-2 Gencor Baghouse, 66,774 SCFM, approximately 15 tph Max Agg. Flow
a. 1,028 Bags, 15-inch x 7 feet, Two Pocket Bags
E-2 Exhaust Fan, Twin City, Size 542, 92,611 SCFM
STACK-2 Gencor, 60-inch Diameter x 30 feet Height Above Grade

Source 300 - The RAP Crushing System consists of the following equipment:

SP-1 Unprocessed RAP Stockpile (max capacity 40,000 ton)
F-1 Deister Feeder, 3814 VF
I-1 Cedarapids Impactor, 4040 Model
C-18 30 Inch Incline Discharge Conveyor
C-19 24 Inch Oversize Return Conveyor
C-20 24 Inch (½ inch minus) Discharge Conveyor
C-21 30 Inch Radial Stacker Conveyor
C-22 30 Inch (1 ½ inch minus) Discharge Conveyor
C-23 30 Inch Radial Stacker Conveyor
SN-3 Allis Chalmers Model ST Vibrating Screen (Triple Deck) 5 feet x 14 feet
P-1 1 ½ minus RAP Stockpile
P-2 ½ minus RAP Stockpile
W-1 Water Tank with Sprays for Dust Control

Source 400 – Plant Roadways

The Plant Roadways are paved and required to be maintained as such. Additionally, emissions from Plant Roadways are controlled by a pressurized water truck.

Source 103 – Hot Oil Heater Plant #1 consists of the following equipment:

HOH-1 Hot Oil (Propane Fired) Model HYCG0-100 Gencor (1 Million Btu) Heater

Source 201 – Hot Oil Heater Plant # 2 consists of the following equipment:

HOH-2 Hot Oil Heater, Gencor, 2 Million Btu, Propane Fired

Source 500 – Two (2) Liquid Propane Tanks (18,000 & 30,000-gallon tanks) consists of the following equipment:

P-1 18,000-gallon Liquid Propane Storage Tank

P-2 Liquid Propane Tank, Sun Shipbuilding and Drydock Co., 30,000- gallon



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