



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

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: December 22, 2022

Effective Date: December 22, 2022

Expiration Date: December 21, 2027

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: 14-00027

Synthetic Minor

Federal Tax Id - Plant Code: 52-2076625-2

Owner Information

Name: HRI INC

Mailing Address: 1750 W COLLEGE AVE
STATE COLLEGE, PA 16801-2719

Plant Information

Plant: HRI INC/CURTIN GAP HMA PLT 103

Location: 14 Centre County 14919 Marion Township

SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

Responsible Official

Name: JEFF C LAMB

Title: PRES

Phone: (814) 278 - 6981

Email: jlamb@hriinc.com

Permit Contact Person

Name: MARY JO MILLER

Title: ENVIRONMENTAL COORDINATOR

Phone: (814) 278 - 6978

Email: mmiller@hriinc.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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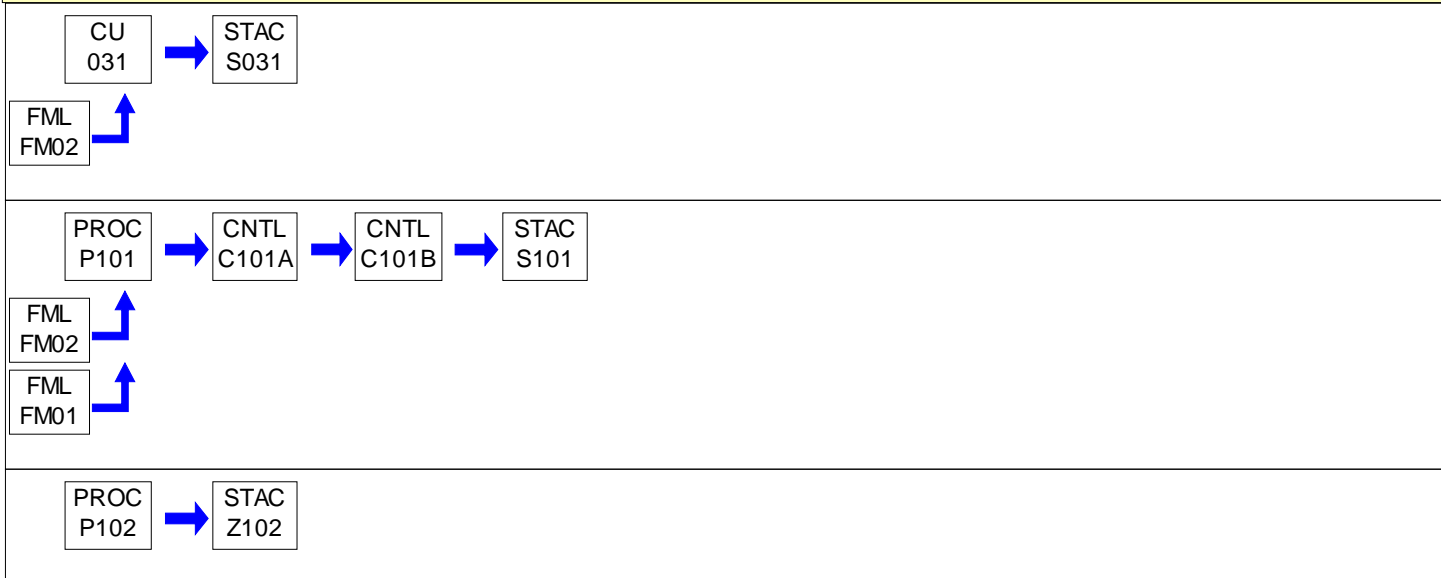
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031	#2 FUEL OIL FIRED ASPHALT HEATERS		
P101	ASPHALT PLANT		
P102	FOUR (4) STORAGE TANKS		
C101A	KNOCKOUT BOX		
C101B	FABRIC COLLECTOR		
FM01	20,000 GALLON RECLAIMED OIL STORAGE TANK		
FM02	8,000 GALLON #2 FUEL OIL STORAGE TANK		
S031	STACK FOR ASPHALT HEATERS		
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Z102	FUGITIVE EMISSIONS		

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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- (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:

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- (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)

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(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

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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**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants 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) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (a) The emissions are of minor significance with respect to causing air pollution,
 - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(1)-(7) above, if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.42]**Exceptions**

The visible emission limitations specified in this operating permit shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations,
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions,
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

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

[Additional authority for this operating permit condition is also derived from 25 Pa. Code Section 123.22]

- (a) For fuel oil on site through August 31, 2020 the following fuel specifications must be met
 - (i) The sulfur content of the virgin #2 fuel oil fired in the rotary stone dryer of Source ID P101 shall not exceed 0.05%, by weight.
 - (ii) The sulfur content of the virgin #4 fuel oil fired in the rotary stone dryer of Source ID P101 shall not exceed 0.25%, by weight.
 - (iii) The sulfur content of the virgin #5, virgin #6 fuel oil fired in the rotary stone dryer of Source ID P101 shall not exceed

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1.0%, by weight.

(f) Any fuel oil received at the facility September 1, 2020 or later must meet the following specifications:

(i) The sulfur content of any virgin #2 fuel oil used at this facility shall not exceed 0.0015%, by weight.

(ii) The sulfur content of any virgin #4 fuel oil shall not exceed 0.25%, by weight.

(iii) The sulfur content of any virgin #5 and virgin #6 fuel oil shall not exceed 0.50%, by weight.

(iv) The sulfur content of any reclaimed/reprocessed oil used at this facility shall not exceed 1.0% by weight.

(g) No load of virgin #2 fuel oil, virgin #4, virgin #5, virgin #6 fuel oil, or reclaimed/reprocessed oil shall be accepted for which the above characteristics are unknown for each respective fuel, or which fail to meet the limitations as specified above.

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

The permittee shall perform tests in accordance with the provisions of 25 Pa. Code Chapter 139, or provide a fuel certification report of the percent sulfur by weight of each delivery of fuel oil.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of fuel delivered to the facility during the year is in compliance with the fuel characteristics required by this operating permit.

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

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one electronic copy shall be sent to the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.

**SECTION C. Site Level Requirements**

4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

007 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

008 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 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.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

(1) A thorough source description, including a description of any air cleaning devices and the flue.

(2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.

(3) The location of sampling ports.

(4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures.

(5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.

(6) Laboratory procedures and results.

(7) Calculated results.

III. MONITORING REQUIREMENTS.**# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

**SECTION C. Site Level Requirements**

- (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.

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

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) The presence of visible emissions,
- (2) The presence of visible fugitive emissions,
- (3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

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

(a) The permittee shall keep a logbook of the facility's weekly inspections. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

012 [25 Pa. Code §135.5]**Recordkeeping**

The permittee shall keep and make available upon request by the Department records including computerized records that may be necessary to comply with 25 Pa. Code Sections 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 direct means.

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

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

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

(a) The permittee shall submit an annual report to the Department containing the following information:

(1) The reclaimed/reprocessed oil delivery date, identity of the supplier, quantity delivered, source of origin, and delivery invoice number as well as identifying the arsenic, cadmium, chromium, lead, total halides, PCB, sulfur contents, Btu content, and the flash point of each delivery of reclaimed/reprocessed oil to the facility. This report shall further identify the specific source of all analytical data provided and describe why the analytical data accurately represents the contaminant concentrations, Btu content, and flash point of the reclaimed/reprocessed oil delivered to the facility.

(2) The results of all analyses performed on the reclaimed/reprocessed oil delivered to the facility during the previous year,

**SECTION C. Site Level Requirements**

the identity of the specific shipment of reclaimed/reprocessed oil represented by each such analysis or set of analyses, the name of the individual(s) and/or company who performed each such analysis or set of analyses and the identity of the analytical techniques and methods used to perform each such analysis or set of analyses.

(b) The annual report shall be submitted to the Department no later than March 1 for the previous year.

015 [25 Pa. Code §127.442]**Reporting requirements.**

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

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

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
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,
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.**# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9), the permittee 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,

**SECTION C. Site Level Requirements**

- (2) Application of asphalt, oil, 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.

VII. ADDITIONAL REQUIREMENTS.**# 017 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act (The Air Pollution Control Act (35 P.S. §§ 4001-4015)).

018 [25 Pa. Code §123.31]**Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall use such equipment and materials as are necessary to take reasonable action (including but not necessarily limited to the application of water, oil or chemicals) to prevent fugitive particulate matter resulting from the use of any roadway and/or material stockpiling operations associated with the source(s) from becoming airborne shall be available at all times and shall be used, as necessary, to prevent such fugitive particulate matter from becoming airborne.

020 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material at the facility unless in accordance with 25 Pa. Code Section 129.14.

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: 031

Source Name: #2 FUEL OIL FIRED ASPHALT HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(c)]

No person may permit the emission of sulfur oxides (SO_x, expressed as SO₂) into the outdoor atmosphere from each unit of Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use virgin #2 fuel oil as fuel for each unit of Source ID 031.

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).

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

Source ID 031 consists of two (2) #2 fuel oil fired liquid asphalt heaters which are as follows:

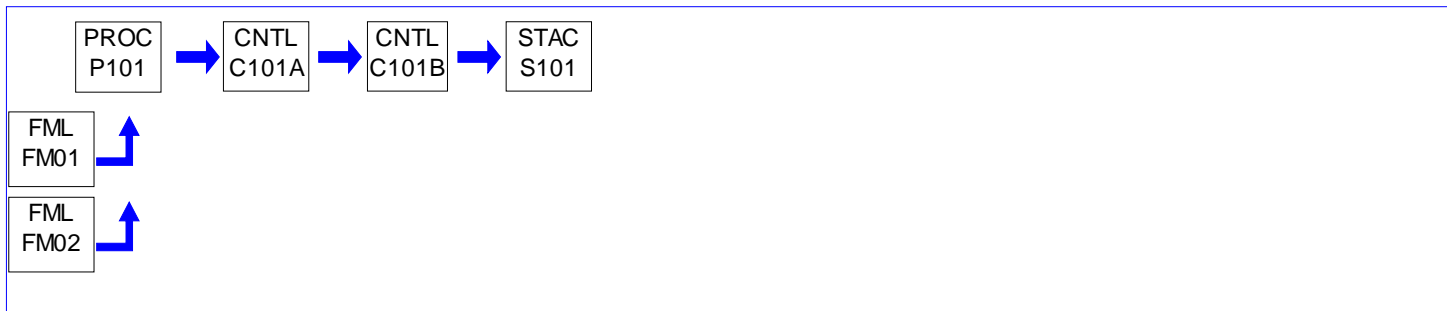
- (a) One (1) Genco, Model FPL, 0.50 MMBtu/hr maximum rated heat input capacity and
- (b) One (1) Powerflame, Model C1-0S, 0.80 MMBtu/hr maximum rated heat input capacity

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: ASPHALT PLANT

Source Capacity/Throughput:

**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, expressed as SO₂, from ID C101B associated with Source ID P101 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The emission of volatile organic compounds (VOC, expressed as methane) from Source ID P101 shall not exceed 24.15 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The emission of carbon monoxide (CO) from Source ID P101 shall not exceed 48.13 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined hazardous air pollutants (HAPs) emissions from Source ID P101 shall not exceed 6.56 tons in any 12 consecutive month period. In addition, the emission of Xylene and Ethyl Benzene from Source ID P101 shall not exceed 0.25 and 0.13 tons, respectively, in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

[Compliance with the requirement specified in this condition assures compliance with 25 Pa. Code Section 123.41 and 40 CFR 60.92]

No person may permit the emission into the outdoor atmosphere of visible air contaminants from Source ID P101 in such a manner that the opacity of the emission is:

(1) Equal to or greater than 20% at any time.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The emission of sulfur oxides, (SO_x, expressed as SO₂) from Source ID P101 shall not exceed 33.69 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The emission of nitrogen oxides (NO_x, expressed as NO₂) from Source ID P101 shall not exceed 29.75 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

{Compliance with this requirement specified in this streamlined permit condition assures compliance with the provisions in 25 Pa. Code Section 123.13 and 40 CFR Part 60 Subpart I Section 60.92}

The permittee shall not emit particulate matter into the outdoor atmosphere from ID C101B associated with Source ID P101 in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

Fuel Restriction(s).**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.1 and 127.12]

(a) Reclaimed/Reprocessed oil used in the rotary stone dryer of Source ID P101 shall not contain contaminants equal to or in excess of the following limitations listed below:

- (1) Arsenic - 5 ppmw
- (2) Cadmium - 2 ppmw
- (3) Chromium - 10 ppmw
- (4) Lead - 100 ppmw
- (5) Total Halides - 1,000 ppmw
- (6) Polychlorinated Biphenyls (PCBs) - Non Detectable*
- (7) Ash content - 1.0% by weight

*PCBs shall not be present in a quantifiable level, defined in 40 CFR 761.1 as 2 micrograms per gram for any resolvable gas chromatographic peak, i.e., < 2 ppmw.

(b) The flash point of the reclaimed/reprocessed oil shall not be less than 100 degrees Fahrenheit.

(c) No load of reclaimed/reprocessed oil shall be accepted for which the quantity of the above air contaminants are unknown for the respective fuel, or which fail to meet the air contaminants contents limitations as specified above.

**SECTION D. Source Level Requirements****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall only use natural gas, propane, virgin #2 fuel oil, virgin #4, virgin #5, virgin #6 fuel oil, or reclaimed/reprocessed oil as fuel for the rotary stone dryer burner of Source ID P101.

Throughput Restriction(s).**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The quantity of asphalt concrete produced in Source ID P101 shall not exceed 1,750,000 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall test every shipment of reclaimed/reprocessed oil received for use in Source ID P101 upon receipt to determine the total halogen (TX) content using EPA Reference Method 9077, or an alternate reference test method if so decided by the Department. If the test of any shipment reveals total halogens in excess of 1,000 parts per million (by weight), the permittee shall refuse to accept the shipment.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall perform a complete analysis to determine the arsenic, cadmium, chromium, lead, total halogen (TX), polychlorinated biphenyl (PCB), sulfur content, ash content, and the flash point, using the reference test methods specified in Section D for Source ID P101, for at least 1 out of every 15 shipments of reclaimed/reprocessed oil received. In each case, the analysis shall be completed within 15 days after receipt of the respective shipment. If the analysis results on such fuel are not received within 15 days of the date of delivery of the relevant shipment, the permittee shall cease using the reclaimed/reprocessed fuel from the tank(s) in which the relevant shipment was placed until compliance with the limits is verified in the laboratory results. The permittee shall immediately report to the Department the results of any analyses which show a shipment of reclaimed/reprocessed oil to be out of compliance with the limitations specified in Section D for Source ID P101. The permittee shall immediately stop using the reclaimed/reprocessed oil that is out of compliance with the limitations specified in Section D for Source ID P101.

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

(a) A sample of each load of reclaimed/reprocessed oil delivered to the facility shall be taken at the time of delivery using a sampling technique capable of achieving a representative composite sample of the entire load. The samples are to be sealed and identified as to the identity of the supplier, date of delivery, delivery invoice number, quantity delivered, etc.

(b) Sampling and analyzing techniques for tanks and tractor trailer wagons shall be in accordance with the current edition of EPA publication SW-846 or comparable ASTM methods.

(c) Each sample shall be kept for a minimum of one (1) year for random selection and analysis by the Department.

(d) No load of reclaimed/reprocessed oil shall be accepted for which analytical results are unavailable or for which the analytical results show non-compliance with any limitation specified in Section C or D of this operating permit.

**SECTION D. Source Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.1 and 127.12]

(a) The permittee shall use the following analytical techniques and test methods in determining compliance with the fuel limitations of reclaimed/reprocessed oil used in Source ID P101:

- (1) arsenic - EPA Method 3051, 6010, 6020 or 7000 Series
- (2) cadmium - EPA Method 6010, 6020 or 7000 Series
- (3) chromium - EPA Method 6010 or 7000 Series
- (4) lead - EPA Method 6010 or 7000 series
- (5) total halogens (TX) - EPA Method 9075, 9076 or 9077
- (6) polychlorinated biphenyls (PCBs) - EPA Method 8082
- (7) flash point - EPA Method 1010 or ASTM D93-80
- (8) sulfur - ASTM D3227, D1552, D4294, or D129
- (9) ash - ASTM D482

(b) All ASTM testing method(s) referenced above shall be the most recent revision to the respective method(s).

(c) The Department may choose to substitute any methods or techniques above to determine compliance with the fuel oil limitations. The permittee may also submit a request to the Department, for approval, if they wish to substitute any or all of the above analytical methods or techniques.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

ID C101B shall be equipped with instrumentation to continuously monitor the differential pressure across the collector on a continuous basis.

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

(a) The permittee shall keep records of the following information of Source ID P101:

- (1) The quantity of asphalt concrete produced by Source ID P101, in tons, on a monthly basis and supporting calculations used to verify compliance with the throughput limitation in any 12 consecutive month period.
- (2) The emissions of carbon monoxide, nitrogen oxides, sulfur oxides, volatile organic compounds (expressed as propane), particulate matter, and the total combined hazardous air pollutants (HAPs) including Xylene and Ethyl Benzene from Source ID P101 on a monthly basis and calculations to verify compliance with the emission limitation of the respective air pollutant in any 12 consecutive month period.
- (3) The differential pressure across ID C101B at least once per day.

**SECTION D. Source Level Requirements**

(4) The delivery date, quantity (gallons), identity of supplier and delivery invoice number of each shipment of reclaimed/reprocessed oil delivered to the site for use in Source ID P101, as well as a certified fuel analysis report for each shipment which identifies the arsenic, cadmium, chromium, lead, total halogen (TX), polychlorinated biphenyl (PCB), sulfur content, and the flash point in degrees Fahrenheit.

(5) The results of all analyses performed on reclaimed/reprocessed oil delivered to the plant, the identity of the specific shipment of reclaimed/reprocessed oil represented by each such analysis or set of analyses, the name of the individual(s) and/or company who performed each such analysis or set of analyses and the identity of the analytical techniques and methods used to perform each such analysis or set of analyses.

(6) The test analyses or fuel oil certifications to verify the sulfur content, by weight, of virgin #2 fuel oil, virgin #4, virgin #5, or virgin #6 fuel oil, and reclaimed/reprocessed oil used in the rotary stone dryer burner of Source ID P101.

(7) The test analyses or fuel oil certifications to verify the ash content, by weight, of the reclaimed/reprocessed oil used in the rotary stone dryer burner of Source ID P101.

(b) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 60 Subpart I Sections 60.90 through 60.93 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

Director
Air Protection Division (3AP00)
U. S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for ID C101B, in order to be able to immediately replace any bags requiring replacement due to deterioration or any other reason.

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

The handling and storage of the material collected in the air cleaning devices shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

021 [25 Pa. Code §129.64]**Cutback asphalt paving**

(a) No person may permit the use or application of cutback asphalt for paving operations except when any of the following applies:

**SECTION D. Source Level Requirements**

- (1) Long-life stockpile is necessary.
- (2) The use or application between October 31 and April 30, is necessary.
- (3) The cutback asphalt is used solely as a tack coat, a penetrating prime coat, a dust palliative or precoating of aggregate.
- (4) Skin patching is necessary during October. Skin patching shall be less than 500 feet continuous length, 1,300 linear feet per mile, or 1,750 square yards per lane mile.
- (b) The permittee shall not manufacture emulsion asphalts in Source ID P101 that contain more than the following percentage of solvent:

Emulsion Grade	Type	% Solvent Maximum
E-1	Rapid Setting	0
E-2	Rapid Setting (Anionic)	0
E-3	Rapid Setting (Cationic)	3
E-4	Medium Setting	12
E-5	Medium Setting	12
E-6	Slow Setting (Soft Residue)	0
E-8	Slow Setting (Hard Residue)	0
E-10	Medium Setting (High Float)	7
E-11	High Float	7
E-12	Medium Setting (Cationic)	8

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID P101 shall not be used to dry any aggregate, other than when the facility is simultaneously producing asphalt concrete.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.1 and 127.12]

The permittee shall only add recycled asphalt pavement (RAP) material to the asphalt concrete mix in the pug mill of Source ID P101. At no time shall the rotary stone dryer of Source ID P101 ever be used to process RAP. In addition, the particulate matter (PM/PM10) emissions from the pug mill of Source ID P101 while processing RAP material shall be controlled by ID C101B. Air flow from the pug mill of Source ID P101 to ID C101B shall be adjusted such that no fugitive PM/PM10 emissions are observed emanating from the batch tower of Source ID P101 while Source ID P101 is processing RAP.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID P101 shall not be used to produce asbestos-containing asphalt material unless prior Department approval to do so has been obtained.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID P101 shall not be used to decontaminate, or otherwise treat soil or any other material which has been contaminated with gasoline, fuel oil or any other substance.

**SECTION D. Source Level Requirements****# 026 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The air compressor used to supply the compressed air to ID C101B shall be equipped with an air dryer and an oil trap.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The material collected in the dust silo associated with Source ID P101 shall only be removed from the silo via a rotary screw conveyor to either the batch tower of Source ID P101, where it will be mixed into the product, or to a slurry mixer of Source ID P101. At no time shall the removal of material collected in the dust silo, or the stockpiling of material removed from the dust silo and processed through the slurry mixer of Source ID P101, cause the emission of fugitive particulate matter.

028 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

At no time shall the permittee operate Source ID P101 without the simultaneous operation of IDs C101A and C101B.

029 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) Source ID P101 is a 300 ton/hr Astec Batch Asphalt Concrete plant which consists of the following equipment:

- (1) Six (6) Cold Feed Bins, 60 Tons each
- (2) Six (6) Belt Feeders, 24" x 10' long
- (3) One (1) Belt Feeder, 30" x 84' long
- (4) One (1) Inclined Belt Conveyor, 30" x 34', 400 TPH
- (5) One (1) Slinger belt, 30" x 10', 400 TPH
- (6) One (1) Astec Counter-flow Rotary Stone Dryer, with Hauck Model SPJ-1580EX burner, fired on virgin #2, virgin #4, virgin #5 or virgin #6 fuel oil, natural gas, propane, and reclaimed/reprocessed oil, 116 MMBtu/hr maximum rated heat input capacity
- (7) One (1) Bucket Elevator, 400 TPH
- (8) One (1) Batch Tower which consists of the following:
 - (i) Four (4) Screens, Astec, 400 TPH
 - (ii) Four (4) Hot Aggregate Bins
 - (iii) Two (2) Weigh Hoppers (aggregate and asphalt)
 - (iv) One (1) Pug Mill, Astec 6 ton batch
 - (v) One (1) Slat Conveyor, 36" x 20', 400 TPH
 - (vi) One (1) drag (asphalt to storage silos) 400 TPH
 - (vii) Three (3) Asphalt Concrete Storage Silos, 200 Tons each

**SECTION D. Source Level Requirements**

(9) One (1) Recycled Asphalt Pavement (RAP) Transfer System which consists of the following:

(i) Two (2) Holding Bins, 22 Tons each

(ii) Two (2) Belt Feeders

(iii) One (1) Inclined Conveyor Belt, 18" x 100'

(iv) One (1) Reject Belt, 24" x 25'

(9) One (1) Pneumatic Conveying System which discharges material from the fabric filter ID C101B to the dust silo and consists of an Astec Blower 60 HP, One (1) enclosed Screw Auger, 50 TPH

(b) ID C101A is a knockout box, Astec, 10' x 10' x 15'

(c) ID C101B is a Fabric Filter, Astec Model SBH-60, 60,000 ACFM, 832 Nomex filter bags

(d) The particulate matter emissions from Source ID P101 shall be controlled by IDs C101A and C101B.

030 [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.

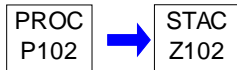
Source ID P101 is subject to to 40 CFR Part 60, Subpart I. The permittee shall comply with all the applicable requirements specified in 40 CFR Sections 60.90 through 60.93.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: FOUR (4) STORAGE TANKS

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

(a) The permittee shall keep records of the type of material and the vapor pressure of each VOC containing material stored in each of the tanks of Source ID P102 to verify compliance with the vapor pressure limitation.

(b) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.**

Source ID P102 consists of four (4) storage tanks which are as follows:

(a) Two (2) 30,000-gallon liquid asphalt storage tanks,

(b) One (1) 20,000-gallon reclaimed/reprocessed oil storage tank, and

(c) One (1) 10,000-gallon #2 fuel oil storage tank.

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

The permittee shall not store any volatile organic compound (VOC) containing material in any of the storage tanks of Source ID P102 with a vapor pressure greater than 1.5 psia.



SECTION E. Source Group Restrictions.

**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.



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