



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

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date:	October 25, 2023	Effective Date:	October 25, 2023
Expiration Date:	October 24, 2028		
amended permittee operate t condition with all a The regu	cordance with the provisions of the Air Polle d, and 25 Pa. Code Chapter 127, the O e) identified below is authorized by the E he air emission source(s) more fully descr s specified in this permit. Nothing in this p pplicable Federal, State and Local laws an latory or statutory authority for each permit rmit are federally enforceable unless other	wner, [and Operator if not Department of Environmen ribed in this permit. This Fa permit relieves the permitted d regulations. condition is set forth in bra	ed] (hereinafter referred to as tal Protection (Department) to cility is subject to all terms and e from its obligations to comply
	State Only Pe	rmit No: 19-00015	
	Synth	etic Minor	
	Federal Tax ld - Pl	ant Code: 52-2076625-26	
	Owne	er Information	
Nam	e: HRI INC		
Mailing Addres	ss: 1750 W COLLEGE AVE		
	STATE COLLEGE, PA 16801-2719		
	Plant	t Information	
Plant: HRI I	NC/BLOOMSBURG ASPHALT PLT		
Location: 19	Columbia County	19917 Hem	ock Township
SIC Code: 2951	Manufacturing - Asphalt Paving Mixtures A	nd Blocks	
	Respo	onsible Official	
Name: JEFF C	CLAMB		
Title: PRES			
Phone: (814) 2	238 - 5071	Email: jlamb@hriinc.cor	n
	Permit	Contact Person	
Name: MARY Title: ENV C	JO MILLER OORDINATOR		
Phone: (814) 2	278 - 6978	Email: mmiller@hriinc.c	om
[Cignoture]			
[Signature]	AMAN, ENVIRONMENTAL PROGRAM MAN		RECION
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19-00015



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Source II	D Source Name	Capacity/Throughput	Fuel/Material
P110	ASPHALT PLANT		
P120	STORAGE TANKS		
C110A	KNOCKOUT BOX		
C110B	FABRIC COLLECTOR		
FM01	NO 5 FUEL OIL TANK		
FM02	NO 2 FUEL OIL TANK		
S110	FABRIC COLLECTOR STACK		
Z120	TANK EMISSIONS		

PERMIT MAPS
$\begin{array}{c} PROC \\ P110 \end{array} \xrightarrow{CNTL} C110A \end{array} \xrightarrow{CNTL} C110B \xrightarrow{TAC} S110 \end{array}$
FML FM01
FML FM02
$\begin{array}{c} PROC \\ P120 \end{array} \xrightarrow{STAC} \\ Z120 \end{array}$





# #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.



(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:





- (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:





(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 NOx from a single source during the term of the permit and 5 tons of NOx at the facility during the term of the permit.

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

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

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

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

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



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

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

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

(e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

## #014 [25 Pa. Code § 127.3]

#### **Operational Flexibility.**

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

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





# **SECTION B. General State Only Requirements** (6) Section 127.462 (relating to minor operating permit modifications) (7) Subchapter H (relating to general plan approvals and general operating permits) #015 [25 Pa. Code § 127.11] Reactivation (a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a). (b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b). #016 [25 Pa. Code § 127.36] Health Risk-based Emission Standards and Operating Practice Requirements. (a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)]. (b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act. #017 [25 Pa. Code § 121.9] Circumvention. No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors. #018 [25 Pa. Code §§ 127.402(d) & 127.442] **Reporting Requirements.** (a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139. (b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source. (c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the: Regional Air Program Manager PA Department of Environmental Protection (At the address given in the permit transmittal letter, or otherwise notified) (d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete. (e) Any records, reports or information submitted to the Department shall be available to the public except for such





	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]
Samplin	ng, 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]
Record	keeping.
	(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	y Rights.
	This permit does not convey any property rights of any sort, or any exclusive privileges.
#022	[25 Pa. Code § 127.447]
Alternat	tive Operating Scenarios.
	The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.





## #023 [25 Pa. Code §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.





## 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 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:

(i) The emissions are of minor significance with respect to causing air pollution.

(ii) 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 above in Condition #001(a)(1) - (a)(7) if the emissions are visible at the point the emissions pass outside the person's property.

## # 003 [25 Pa. Code §123.41]

#### Limitations

No person may 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:

(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.

## # 004 [25 Pa. Code §123.42]

#### Exceptions

The emission limitations of 25 Pa. Code Section 123.41 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).

#### II. TESTING REQUIREMENTS.

#### # 005 [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.

#### # 006 [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.

## # 007 [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.

## # 008 [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 facility's property boundaries.

(b) All detected visible emissions, visible fugitive emissions or malodors shall be reported to the manager of the facility.





#### IV. RECORDKEEPING REQUIREMENTS.

## # 009 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

(a) The permittee shall maintain a logbook for recording instances of visible emissions, visible fugitive emissions and malodorous air emissions, the name of the company representative monitoring these instances, the date and time of each occurrence.

(b) The permittee shall record any and all corrective action(s) taken to abate each recorded deviation or prevent future occurrences.

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

#### # 010 [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 25 Pa. Code Section 135.3 (relating to reporting). 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. These records shall be retained for at least five years and shall be made available to the Department upon request.

#### V. REPORTING REQUIREMENTS.

#### # 011 [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.

## # 012 [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 tounavoidable 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.

## # 013 [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.

(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.

#### # 014 [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)).

#### # 015 [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.

#### # 016 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material at this 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.



HRI INC/BLOOMSBURG ASPHALT PLT

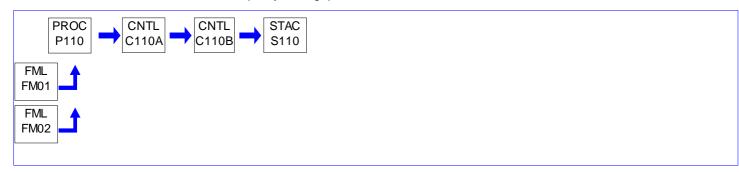


## SECTION D. Source Level Requirements

Source ID: P110

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 from Source ID P110 in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, on a dry basis.

# # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this streamlined plan approval requirement assures compliance with 25 Pa. Code Section 123.13 and 40 CFR Part 60 Subpart I Section 60.92] [Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The particulate matter emissions from the exhaust of the Astec model # BH-60 fabric collector (ID C110B) shall not exceed 0.02 grains per dry standard cubic foot.

#### # 003 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

The nitrogen oxides (NOx, expressed as NO2) emissions from Source ID P110 shall not exceed 0.07 lbs per ton of product, 17.50 pounds per hour and 18.90 tons in any 12 consecutive month period when firing virgin #2, virgin #4, virgin #5, virgin #6 or recycled/reprocessed oil.

# # 004 [25 Pa. Code §127.441]

## Operating permit terms and conditions.

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

The carbon monoxide emissions from Source ID P110 shall not exceed 0.159 pounds per ton of product, 39.75 pounds per hour and 42.93 tons in any 12 consecutive month period when firing virgin #2, virgin #4, virgin #5, virgin #6 or recycled/reprocessed oil.

## # 005 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

The sulfur oxides (SOx, expressed as SO2) emissions from Source ID P110 shall not exceed 0.17 pounds per ton of product, 42.50 pounds per hour and 45.90 tons in any 12 consecutive month period when firing virgin #2, virgin #4, virgin #5, virgin #6 or recycled/reprocessed oil.





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

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

The volatile organic compound emissions (expressed as methane) from the Source ID P110 shall not exceed 0.066 pounds per ton of product,16.50 pounds per hour and 17.82 tons in any 12 consecutive month period when firing virgin #2, virgin #4, virgin #5, virgin #6 or recycled/reprocessed oil.

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

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

The total hazardous air pollutant emissions from Source ID P110 shall not exceed 2.08 tons in any 12 consecutive month period. In addition, the emission of xylene shall not exceed 0.73 tons in any 12 consecutive month period and the emission of ethylbenzene shall not exceed 0.59 tons in any 12 consecutive month period.

#### Fuel Restriction(s).

# 008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Source ID P110 shall only be fired virgin #2, virgin #4, virgin #5, virgin #6 fuel oils or recycled/reprocessed oil. None of the oil used as fuel shall have a sulfur content of greater than 0.5% by weight.

#### # 009 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

The recycled/reprocessed oil fired in Source ID P110 shall not contain contaminants equal to or in excess of the limitations specified below:

Arsenic - 5 ppm Cadmium - 2 ppm Chromium - 10 ppm Lead - 100 ppm Total halogens - 1,000 ppm PCBs - none detectable (detection limit none greater than 2 ppm)

Additionally, the flash point of the recycled/reprocessed oil shall not be less than 140° F

#### Throughput Restriction(s).

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

[Compliance with this plan approval requirement assures compliance with the synthetic minor emissions restrictions][Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID P110 shall not produce any more than 540,000 tons of asphalt concrete in any 12 consecutive month period.

#### II. TESTING REQUIREMENTS.

#### # 011 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

The permittee shall test each shipment of recycled/reprocessed oil received for halides using EPA Reference Method 9077,





or an alternate reference test method if so decided by the Department. The results from these analyses will not, however, be accepted as a determination of compliance with the total halides limitation specified herein should they differ from the results of analyses when using Method 9076. Additionally, the permittee shall have a complete analysis of all contaminants of concern using reference test methods specified by the Department, for a minimum of one out of every fifteen shipments of recycled/reprocessed oil received.

#### III. MONITORING REQUIREMENTS.

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

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

The following analytical techniques and methods shall be employed to determine compliance with the recycled/reprocessed oil contaminant limitations and minimum flash point specified here in, unless the Department specifies the use of alternate analytical techniques and methods.

Contaminant/Property	Analytical Method
Arsenic Cadmium	EPA Method 200.8 and/or EPA 200.7 EPA Method 200.8 and/or EPA 200.7
Chromium	EPA Method 200.8 and/or EPA 200.7
Lead	EPA Method 200.8 and/or EPA 200.7
Total halides Sulfur	EPA 9076 ASTM D4294-90
PCBs	EPA 3580 for extraction and EPA 608 for analysis
Flash point	ASTM D93-97

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

The Astec model # BH-60 fabric collector (ID C110B) shall be equipped with instrumentation to continuously monitor the pressure drop across ID C110B and shall monitor the pressure drop on a continuous basis.

# # 014 [25 Pa. Code §127.441]

## Operating permit terms and conditions.

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

A sample of each shipment of recycled/reprocessed oil delivered to the asphalt concrete plant using a sampling technique capable of collecting a representative sample of the entire load shall be retained on site for a minimum of five years for random selection and analysis from the Department. These samples are to be sealed and identified as to the date of delivery, delivery invoice number, etc.

#### IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall maintain complete and accurate records of the following:

a. The total quantity of asphalt concrete produced by Source ID P110 each month and the corresponding 12 consecutive month period rolling total to verify compliance with the throughput limitation.

b. The quantity and type of each fuel used to fire Source ID P110 each month.

c. The delivery date, quantity delivered, identity of supplier and delivery invoice number of each shipment of recycled/reprocessed oil delivered to the plant, as well as a certified fuel analysis report for each shipment which identifies the arsenic, cadmium, chromium, lead, total halide, PCB and sulfur content in parts per million and the flash point in degrees Fahrenheit.





d. The certified fuel analysis reports from the supplier for each shipment of virgin #2, virgin #4, virgin #5, and virgin #6 fuel oil received by the facility.

e. The results of all analyses required by the Department, as well as the results of any other analyses performed on recycled/reprocessed oil delivered to the plant, the identity of the specific shipment of recycled/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.

f. The total amount of nitrogen oxides, carbon monoxide, sulfur oxides, volatile organic compounds, xylene, ethyl benzene, and total hazardous air pollutants emitted from Source ID P110 each month and the corresponding 12 consecutive month period totals to verify compliance with the 12 consecutive month period emission limitations.

#### # 016 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee shall record the pressure drop across control device ID C110B at least once per day. These records shall be retained on site for a minimum of five years and be presented to the Department upon request.

#### V. REPORTING REQUIREMENTS.

#### # 017 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee shall submit an annual report to the Department listing the delivery date, quantity delivered, source of origin and delivery invoice number of each shipment of recycled/reprocessed oil delivered to the site during the previous calendar year, as well as identifying the arsenic, cadmium, chromium, lead, total halides, PCB, and sulfur contents and the flash points of each load. This report shall further identify the specific source(s) of all analytical data provided and describe why this analytical data actually represents the contaminant concentrations and flash point of the recycled/reprocessed oil delivered to the site. The report for each calendar year shall be due no later that March 1 of the following year.

#### # 018 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee shall submit an annual report to the Department which contains the following:

a. the total nitrogen oxide, carbon monoxide, sulfur oxide, volatile organic compound, xylene, ethyl benzene, and total hazardous air pollutants emitted each month of the previous 12 consecutive month period and the corresponding 12 consecutive month period rolling totals for the previous year to verify compliance with the emission restrictions for Source ID P110.

b. the total amount of asphalt produced in Source ID P110 each month of the previous 12 consecutive month period and the corresponding 12 consecutive month period rolling totals for the previous year in order to verify compliance with the throughput limitation for Source ID P110.

This report is due March 1 annually.

# # 019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] Subpart A - General Provisions

#### Address.

Pursuant to 40 CFR Part 60 Section 60.4 of the Standards of Performance, the submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 60 Subpart I Sections 60.90 - 60.93 must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The EPA copies may be sent to:

Permits and Technical Assessments Branch (3AP11) US Environmental Protection Agency, Region III 1650 Arch Street Philadelphia, PA 19103-2029





#### VI. WORK PRACTICE REQUIREMENTS.

#### # 020 [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 C110B associated with Source ID P110 in order to replace any bag immediately which is in need of replacement.

## VII. ADDITIONAL REQUIREMENTS.

#### # 021 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

The permittee shall not accept for use in Source ID P110 any shipment of recycled/reprocessed oil for which the arsenic, cadmium, chromium, lead, total halides, or PCB contents or flash point are unknown or which fails to meet any limitation specified herein or for which the sulfur content is unknown or which fails to meet the limitation specified herein.

# 022 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

Source ID P110 is a Stansteel model RM-80 batch asphalt concrete plant equipped with a Hauck Eco-Star model 100 burner with a maximum capacity of 105 MMBTU/hr. The air contaminant emissions from which shall be controlled by a an Astec model 10' X 8' knockout box (ID C110A) followed by a Astec model # BH-60 fabric collector (ID C110B) operating in series.

#### # 023 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

Source ID P110 shall not be used to produce asbestos-containing asphalt material.

# 024 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

Source ID P110 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.

#### # 025 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

The air compressor that supplies compressed air to ID C110B shall be equipped with an air dryer/oil trap.

# 026 [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 P110 is subject to Subpart I of the federal Standards of Performance for New Stationary Sources, 40 CFR Part 60 Sections 60.90 - 60.93. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Sections 60.90 - 60.93.



HRI INC/BLOOMSBURG ASPHALT PLT



## SECTION D. Source Level Requirements

Source ID: P120

Source Name: STORAGE TANKS

Source Capacity/Throughput:

PROC P120
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#### 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.

The permittee shall keep records of the vapor pressures of the contents of each storage tank of Source ID P120. These records shall be retained for a minimum of five years and shall be presented 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 P120 consists of the following above ground storage tanks:

(a) Three (3) 25,000 gallon asphalt concrete storage tanks

(b) One (1) 8,000 gallon Emulsion MC-400 storage tank

(c) One (1) 15,000 gallon No. 5 fuel oil storage tank

(d) One (1) 10,000 gallon No. 2 fuel oil storage tank

(e) One (1) 500 gallon No. 2 fuel oil storage tank

#### # 003 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.57]





The vapor pressure of the contents of all tanks of Source ID P120 shall not exceed 1.5psia under actual storage conditions unless the tank is equipped with a pressure relief valve set to release at 0.7 psig of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes and National Fire Prevention Association guidelines.





SECTION E. Source Group Restrictions.





# SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.





SECTION G. Emission Restriction Summary.

Source Id Source Description P110 ASPHALT PLANT **Emission Limit** Pollutant 0.159 Lbs/Tons of product CO CO 39.750 Lbs/Hr 42.930 Tons/Yr СО in any 12 cmp 0.590 Tons/Yr Ethylbenzene in any 12 cmp 2.080 Tons/Yr in any 12 cmp Hazardous Air Pollutants 0.070 Lbs/Tons NOX of product NOX 17.500 Lbs/Hr 18.900 Tons/Yr NOX in any 12 cmp 0.170 Lbs/Tons of product SOX 42.500 Lbs/Hr SOX 45.900 Tons/Yr SOX in any 12 cmp 500.000 PPMV SOX TSP 0.020 gr/DRY FT3

of product

in any 12 cmp

in any 12 cmp

## **Site Emission Restriction Summary**

0.066 Lbs/Tons

16.500 Lbs/Hr 17.820 Tons/Yr

0.730 Tons/Yr

**Emission Limit** 

Pollutant

Xylenes (Isomers And Mixture)

VOC

VOC

VOC



HRI INC/BLOOMSBURG ASPHALT PLT



SECTION H. Miscellaneous.





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