

Facility ID: 1652100083 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 1652100083 Emissions Unit ID: P901 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Roofing products line - three asphalt mixers, asphalt impregnation/coating area, sand/granule application area, mineral conveying	PTI #16-1603  OAC 3745-17-07  OAC 3745-17-08  OAC 3745-17-11	3.25 lbs/hr of organic compounds See A.2 below.
	40 CFR Part 60, Subpart UU	0.04 Kg/Mg of particulate matter from saturator

**2. Additional Terms and Conditions**

- (a) Any owner or operator of this emissions unit shall not cause or permit the particulate emissions and/or the control requirements to exceed the following: (From PTI #16-1603)
  - i. From Saturator:
    - (a) 1.0 pound per hour particulate matter.
    - (b) Stack exhaust gases shall not exceed 20% opacity.
    - (c) Visible emissions from the saturator capture system shall not exceed 20% of any period of consecutive valid observations totaling 60 minutes.
    - (d) The asphalt impregnation/coating area shall be equipped with hoods, fans, and other equipment to adequately enclose, contain, capture, and vent particulate emissions to the stack. The capture efficiency of the system shall meet the criteria established under 40 CFR Part 60, Subpart UU.
  - ii. From Sand/Granule Application Area:
    - (a) 2.0 pounds per hour particulate matter.
    - (b) Stack exhaust gases shall not exceed 20% as a six-minute average.
    - (c) The sand/granule application area shall be equipped with hoods, fans, and other equipment to adequately enclose, contain, capture, and vent particulate emissions to the stack.
  - iii. From Asphalt Mixers:
    - (a) 0.62 pound per hour particulate matter.
    - (b) Each individual stack exhaust gases shall not exceed 10% as a six-minute average.
  - iv. From Mineral Conveying:
    - (a) The permittee shall provide enclosed conveying systems (screw, bucket, belt conveyors) for the transfer of all raw materials from storage to the mixers and sand/granule application area.

Exempt from this requirement is the belt conveyor for granules. All related material transfer points shall be enclosed. There shall be no visible emissions to ambient air from these conveying operations.

**B. Operational Restrictions**

1. None

**C. Monitoring and/or Record Keeping Requirements**

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
  - a. The emission testing shall be conducted 6 months prior to permit renewal.
  - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for particulates.
  - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rates:
    - i. Method 5A of 40 CFR Part 60, Appendix A for the particulate emissions from the saturator, sand/granule application, and asphalt mixers; and
    - ii. Methods 9 and 22 of 40 CFR Part 60, Appendix A for the opacity of stack exhaust gases from the saturator.
  - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
3. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test (s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
4. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).
5. Compliance with the emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:
 

Emission Limitation:

From saturator - no visible emissions except for 12 minutes out of each 60 minute observation period

Applicable Compliance Method:

OAC 3745-17-03(B)(4)

Emission Limitation:

From the saturator and the sand/granule application area - 20% visible particulate emissions as a 6-minute average

Applicable Compliance Method:

OAC 3745-17-03(B)(1)

Emission Limitation:

From asphalt mixers - 10% visible particulate emissions as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

Emission Limitation:

From mineral conveying - no visible particulate emissions

Applicable Compliance Method:

OAC 3745-17-03(B)(4)

Emission Limitation:

3.25 lbs/hr of organic compounds

Applicable Compliance Method:

multiply the organic emission factor of 0.26 lb/ton by the maximum production rate

The emission factor was obtained from AP-42, Chapter 11.2, Table 11.2.4, SCC Code 3-05-001-19.

F. **Miscellaneous Requirements**

1. None