

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: P902 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>
P902 - material handling - truck unloading via pneumatic conveying to the four storage silos and screw conveying from the four storage silos to the roofing products line (the terms of this permit supercede the terms of PTI 16-02089 issued 1/4/2001).	OAC rule 3745-31-05(A)(3) (PTI 16-02301)	Particulate emissions (PE) shall not exceed 2.88 pounds of per hour and 12.61 tons per year.  See A.2.a below.
	OAC rule 3745-17-07(A)	The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, subpart UU. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, subpart UU.
	OAC rule 3745-17-07(B)	The requirements specified by this rule are equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	40 CFR Part 60, Subpart UU	No permittee shall cause to be discharged into the atmosphere from any mineral handling and storage facility emissions with opacity greater than 1 percent. See A.2.b below.

**2. Additional Terms and Conditions**

- (a) The screw conveying of raw materials from the four storage silos to the roofing products line and the transfer points shall be enclosed. There shall be no visible particulate emissions of fugitive dust to the ambient air from the conveying of raw materials from the four storage silos to the roofing products line and the transfer points.  
40 CFR Part 60, subpart UU defines mineral handling and storage facility to mean the areas in an asphalt roofing plant in which minerals are unloaded from a carrier, the conveyor transfer points between the carrier and the storage silos, and the storage silos.

**B. Operational Restrictions**

1. None

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

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the conveyor transfer points between the carrier and the storage silo and the storage silo stacks serving this emissions unit and for any visible particulate emissions of fugitive dust from the conveying of raw material to the roofing products line and from the associated transfer points. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

For the conveyor transfer points between the carrier and the storage silo and the storage silo stacks:

- a. the location of the emissions (i.e., filler silo stack, etc.);
- b. the color of the emissions;
- c. whether the emissions are representative of normal operations;
- d. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- e. the total duration of any visible emission incident; and
- f. any corrective actions taken to eliminate the visible emissions.

For the conveying of raw material to the roofing products line and from the associated transfer points:

- a. the location of the emissions (i.e., transfer point between mixer and filler conveyor, etc.);
- b. the color of the emissions;
- c. the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.

**D. Reporting Requirements**

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from conveyor transfer points between the carrier and the storage silo and the storage silo stacks serving this emissions unit and/or any visible particulate emissions of fugitive dust were observed from the conveying of raw material to the roofing products line and from the associated transfer points and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
 

Emission Limitation

2.88 pounds of PE per hour

Applicable Compliance Method

Multiply the particulate emissions factor of 3.6 pound(s) of particulate emissions per ton of raw material handled (US EPA Fire version 6.23 - SCC 3-04-003-50) by the maximum hourly raw material rate times (1-0.99).

Emission Limitation

12.61 tons of PE per year

Applicable Compliance Method

Multiply allowable hourly particulate emission rate by 8760 hours per year, and then divide by 2000 pounds/ton.

Emission Limitation

No permittee shall cause to be discharged into the atmosphere from any mineral handling and storage facility emissions with opacity greater than 1 percent.

Applicable Compliance Method

Method 9 of 40 CFR Part 60, Appendix A and the procedures in 40 CFR 60.11 shall be used to determine opacity.

Emission Limitation

There shall be no visible particulate emissions of fugitive dust to the ambient air from the conveying of raw materials from the three storage silos to the roofing products line and the transfer points.

Applicable Compliance Method

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

**F. Miscellaneous Requirements**

1. The terms and conditions in this permit to install 16-02301 shall supersede all the air pollution control requirements for P902 in permit to install 16-02089.