

Facility ID: 1431431877 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: 1431431877 Emissions Unit ID: P026 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>
high speed schold mixer with cover and baghouse	OAC rule 3745-31-05(A)(3) (PTI 14-04797)	2.4 lbs/hr OC 10.5 TPY OC 0.26 lb/hr PM/PM10 1.14 TPY PM/PM10
		The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1) and 3745-21-07(G)(2).
	OAC rule 3745-17-07(A)(1)	See A.2.
	OAC rule 3745-17-11(B)(1)	See term A.2.a.
	OAC rule 3745-21-07(G)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). See term A.2.c.

**2. Additional Terms and Conditions**

- (a) Visible particulate emissions from this emissions unit shall not exceed 20% opacity as a six-minute average, except as specified by rule. The hourly and annual PM/PM10 and OC emissions limitations are based on the emissions unit's potential to emit (PTE). Therefore, no record keeping, reporting or testing is required to demonstrate compliance with these limits. This emission unit currently employs non-photochemically reactive materials as defined in OAC rule 3745-21-01(C)(5). It is therefore exempt from all emission limitations and control requirements contained in OAC rule 3745-21-07(G).

Prior to employing any photochemically reactive material in this emissions unit, including any cleanup material that is a photochemically reactive material, the permittee shall provide written notification to the Hamilton County Department of Environmental Services. Such notification shall include information sufficient to determine compliance with the emission limits and/or control requirements specified in OAC rule 3745-21-07(G). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour, and pounds per day.

**B. Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information each month for the mixing operation:
  - a. The company identification for each material employed.
  - b. The number of gallons of each material employed.
  - c. The OC content of each material, in pounds of OC per gallon.

- d. The total emission rate for all materials, in pounds OC per month.
2. The permittee shall collect and record the following information each month:
  - a. The company identification of each solvent employed in this emissions unit.
  - b. A record for each solvent employed, indicating whether or not the solvent is a photochemically reactive material as identified in OAC rule 3745-21-01(C)(5).

**D. Reporting Requirements**

1. The permittee shall submit an annual report of the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing identifying each day during which any photochemically reactive material [as defined in OAC 3745-21-01(C)(5)] was employed in this emissions unit. This report shall identify the cause for the use of the photochemically reactive material(s) and the estimated total quantity of material(s) emitted each such day. This report shall be submitted to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.

**E. Testing Requirements**

1. Compliance with the visible particulate emissions limitation shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
2. Formulation data or USEPA Method 24 shall be used to determine the OC content of each coating produced.
3. Compliance with the organic compound emission limitations for emissions units P026 shall be demonstrated by the usage records required in C.1. and calculated using the following methods:

Pounds OC/ Month = [Summation of the following for each coating produced:(Gallons of Coating Produced/ Month x OC Content of That Coating)] x .015 ( % fugitive factor, AP-42 Section 6.4, dated 5/83)

Tons OC/ Year = Summation of the Organic Compound Emission Rates for Each Month in pounds / 2000 pounds per ton

4. Compliance with the annual PM emissions shall be demonstrated using the following methods:

Pounds PM/ PM10 per Hour = pounds of pigment used per hour x .01 ( % fugitive factor, AP-42 Section 6.4, dated 5/83) x 1-.90 (fabric filter control efficiency).

Tons PM/ PM10 per Year = summation of the PM/ PM10 emission rates for each hour of operation in pounds / 2000 pounds per ton.

**F. Miscellaneous Requirements**

1. None