

Facility ID: 1483060452 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: 1483060452 Emissions Unit ID: R002 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>
R002 - Barrier coating line; BA2	OAC rule 3745-31-05(A)(3) PTI 14-05701	The emissions of organic compounds (OC) shall not exceed 3.3 pounds per hour and 14.5 tons per year from coating application. See term and condition A.2.b. See section B.1.
	OAC rule 3745-21-07(G)(2)	Exempt, see section B.1.

2. **Additional Terms and Conditions**
 - (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of non-photochemically reactive materials, compliance with the emission limitations, and the solvent content limitation. The solvent content of the coatings employed in this emissions unit shall not exceed 69% by weight. The hourly emission limitation outlined are based upon the emissions unit's Potential to Emit (PTE). Therefore, no hourly records are required to demonstrate compliance with this limitations.

B. Operational Restrictions

1. The use of photochemically reactive materials as defined in OAC rule 3745-21-01(C)(5) is prohibited.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each month for this emissions unit:
 - a. the company identification for each coating employed;
 - b. the number of pounds of each coating employed;
 - c. the solvent content of each coating, in percent by weight; and
 - d. the total OC emission rate for all coatings employed, in tons per month (b x c) /2000.
2. The permittee shall collect and record the following information each month:
 - a. the company identification of each liquid organic material employed in this emissions unit; and
 - b. a record of each liquid organic material employed in this emissions unit indicating, whether or not the liquid organic material is photochemically reactive as identified in OAC rule 3745-21-01(C)(5).

D. Reporting Requirements

1. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which specify 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 rule 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.

3. The permittee shall notify the Hamilton County Department of Environmental Services of any monthly record showing that emissions unit R002 employed coatings that exceeded the applicable maximum solvent content limit outlined in term and condition A.2.b. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance(s) occurred.

E. Testing Requirements

1. **Emission Limitation:**
The emissions of organic compounds (OC) shall not exceed 3.3 pounds per hour and 14.5 tons per year from coating application.

Applicable Compliance Method:
The hourly OC emission limitation was calculated from the equations submitted by the permittee in air PTI application number 14-05615, submitted on February 22, 2005: pounds of coating used (lbs of coating/hour) x maximum OC content, by weight (lb of OC/lb of coating) = lbs of OC/hour.

The annual OC emission limitation was calculated by the following equation: 3.3 lbs of OC/hr x 8760 hours/year x 1 Ton/2000 lbs = 14.45 TPY of OC.
2. Compliance with the operational restriction in section B.1 shall be demonstrated by the record keeping in section C.2.
3. Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the coatings employed in this emissions unit.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.