Facility ID: 0386000060 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: 0386000060 Emissions Unit ID: R005 Issuance type: Final State Permit To Operate

Go to the top of this document

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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Plastic Parts Paint Spray Booth #5	PTI # 03-0231	4.85 lbs organic compounds (OC)/hr
		0.1 lb particulate emissions (PE)/hr
		see AT&C A.2.2.b.
		best available technology (see AT&C A.2.2.a.)
	3745-17-11	*
	3745-17-07	*

2. **Additional Terms and Conditions**

   (a) Coatings employed in this emissions unit shall be formulated so as not to be "photochemically reactive materials" as defined in Ohio Administrative Code (OAC) rule 3745-21-01 (C) (5). [This emissions unit shall not employ solvent-based cleanup materials.]
   There shall be no visible particulate emissions from this emissions unit.

   * The limit based on this rule is less stringent than the PTI's limits.

B. **Operational Restrictions**

1. This permit allows for the use of coatings in this emissions unit as specified in permit to install (PTI) application number 03-0231. Any of the following changes may be deemed a "modification" to the emissions unit and, as such, prior notification to and approval from the appropriate Ohio EPA District Office or local air agency is required:

   a. any change in the composition of the coatings or use of new coatings that would result in the emissions of a more toxic compound than was previously emitted;

   b. any change in the composition of the coatings or use of new coatings that would result in the emissions of any organic compound excluded from the definition of "VOC" in OAC 3745-21-01 (B) (6);

   c. any change to the emissions unit or its exhaust characteristics that would result in an exceedance of the Maximum Acceptable Ground-Level Concentration (MAGLC) of any air toxic beyond plant property lines; and

   d. any change to the emissions unit or its method of operation that would either require an increase in the emission limitation established by this permit or would otherwise be considered a "modification" as defined in OAC rule 3745-31-01.

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

1. The permittee shall collect and record the following information each day for this emissions unit:

   a. the company identification for each of the surface coatings, "as applied;"

   b. documentation of whether or not each coating is a photochemically reactive material;

   c. the number of gallons of each coating employed;

d. the organic compound content of each coating, in pounds per gallon, "as applied;"

e. the organic emission rate for each coating, in pounds;

f. the total organic compound emission rate for all coatings, in pounds;

g. the number of hours the emissions unit was in operation; and

h. the average hourly organic compound emission rate (lbs/hr) [divide C.1.f by C.1.g].

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" materials are based upon OAC 3745-21-01 (C) (5).]

D. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which identify any exceedances of the hourly allowable mass emission limitation of 4.85 pounds OC, as well as the corrective actions that were taken to achieve compliance.

E. **Testing Requirements**

1. Compliance Methods Requirements:

Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation-
4.85 lbs OC/hr

Applicable Compliance Method-
Recordkeeping requirements shall be used to demonstrate compliance with the above emission limitation.

Any determination of OC content (OC content means all the organic compounds that are in a coating/cleanup materials expressed as pounds of OC per gallon), solids content, or density of coating material shall be based on the coating materials as employed (as applied), including the addition of any thinner or viscosity reducer to the coatings. The company shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating materials, or from data determined by an analysis of each coating, as received, by Reference Method 24. The Ohio EPA may require the company, if it used formulation data supplied by the manufacturer, to determine data used in the calculation of the OC content of coating materials by Reference Method 24 or an equivalent or alternative method.
Emission Limitation:
0.1 lb PE/hr

Applicable Compliance Method:
To determine the actual worst case particulate emissions rate, the following equation shall be used:

E = maximum coating solids usage rate in pounds per hour X (1-TE) X (1-CE)

E = particulate emissions rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = fractional control efficiency of the control equipment
Emission Limitation:
no visible particulate emissions

Applicable Compliance Method:
Method 9 of 40 CFR Part 60, Appendix A.

F. **Miscellaneous Requirements**

1. None