

Facility ID: 1409000675 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: 1409000675 Emissions Unit ID: P001 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Silk Screen Printing Line	OAC rule 3745-31-05 (PTI 14-2185)	Emissions of organic compounds (OC) shall not exceed 28.4 lbs/hr and 298 lbs/day.
	OAC rule 3745-21-07(G)(9)(c)	See A.2.a below. Exempt from the requirements of OAC rule 3745-21-07(G) pursuant to operational restriction B.3 below.

2. Additional Terms and Conditions

- (a) The daily volume-weighted average organic compound (OC) content of all coatings employed in this emissions unit shall not exceed 4.38 pounds of OC per gallon of coating, excluding water and exempt solvents, as applied.

B. Operational Restrictions

1. Maximum coating usage shall not exceed 68 gallons per day.
2. Maximum coating usage shall not exceed 8356 gallons per year as a rolling, 12-month summation.
3. The use of photochemically reactive material, 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 each day:
 - a. the name and company identification of each coating employed;
 - b. the OC content of each coating employed, excluding water and exempt solvents, in pounds per gallon, as applied;
 - c. the volume of each coating employed, excluding water and exempt solvents, in gallons, as applied;
 - d. the OC emissions from each coating employed, in pounds (i.e., (C.2.b)x(C.2.c), for each coating identified in C.2.a);
 - e. the total volume of all coatings employed, in gallons, as applied (i.e., the sum of the volumes recorded in C.2.c for all coatings identified in C.2.a);
 - f. the daily volume-weighted average OC content for all coatings, in pounds per gallon (average), as applied (i.e., the sum of (C.2.b)x(C.2.c) for all the coating identified in C.2.a, divided by C.2.d);
 - g. the total daily OC emissions, in pounds (i.e., the sum of the OC emissions from each coating in C.2.d);
 - h. the hours of operation; and
 - i. the average hourly OC emissions rate, in pounds per hour (i.e., (C.2.g)/(C.2.h)).
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, for each liquid organic material employed in this emissions unit, that indicates whether or not the liquid organic material is a photochemically reactive material as defined in rule OAC 3745-21-01(C)(5).

3. The permittee shall, on a monthly basis, update a rolling, 12-month summation of the total volume of all coatings employed. This summation shall include the current monthly coating usage plus the coating usages for preceding eleven calendar months.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of 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 shall include records and calculations quantifying the amount of material(s) emitted during each such day. This report shall be submitted to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of (i) any daily record showing that the daily volume-weighted average OC content exceeds the applicable limitation; (ii) any exceedance of the hourly or daily OC emission limitations; and (iii) any exceedance of the daily coating usage restriction. The notification shall include a copy of the appropriate record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
3. The permittee shall submit quarterly reports to the Hamilton County Department of Environmental Services that summarize the information required in terms and conditions C.1 and C.3 of this permit. These reports shall be submitted by February 15, May 15, August 15 and November 15 of each year and shall cover the previous calendar quarter (October-December, January-March, April-June, and July-September, respectively).

E. Testing Requirements

1. Formulation data or USEPA method 24 (for coatings) or 24A (for flexographic and rotogravure printing inks and related coatings) shall be used to determine the OC contents of the inks and coatings.
2. Compliance with the applicable emission limitations and usage restrictions shall be demonstrated through the record keeping and reporting requirements of sections C and D of this permit.

F. Miscellaneous Requirements

1. None