

Facility ID: 1409010026 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: 1409010026 Emissions Unit ID: R001 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>
Seven-color offset lithographic printing press	OAC 3745-31-05 (PTI 14-3686)	267.8 lbs OC/day; 1.82 tons OC/month; and 21.9 TPY OC
		The OC emissions limits are based on the OC content limits and the usage limits. Therefore, compliance with the OC content limits and the usage limits constitute compliance with the OC emission limits.

See A.2.

See A.2.g.

2. Additional Terms and Conditions

OAC 3745-21-07(G)

- (a) The OC content of each acrylic or varnish coating employed shall not exceed 0.2 pound per gallon (including water).
 The OC content of each litho ink employed shall not exceed 2.2 pounds per gallon (including water).
 The OC content of each fountain solution employed shall not exceed 0.71 pound per gallon (including water).
 The OC content of each roller wash employed shall not exceed 6.5 pounds per gallon (including water).
 The OC content of each blanket wash employed shall not exceed 6.7 pounds per gallon (including water).
 The OC content of each cleanup material employed shall not exceed 6.6 pounds per gallon (including water).
 The use of any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), is prohibited in this emissions unit.

B. Operational Restrictions

1. The permittee shall not exceed the following usage limitations:
 - a. Acrylic and varnish coating usage shall not exceed 275 gal/day; 7,000 gal/month and 84,000 gal/yr.
 - b. Litho ink usage shall not exceed 60 gal/day; 900 gal/month and 10,800 gal/yr.
 - c. Fountain solution usage shall not exceed 3 gal/day; 90 gal/month and 1,095 gal/yr.
 - d. Roller wash usage shall not exceed 15 gal/day; 123.75 gal/month and 1,485 gal/yr.
 - e. Blanket wash usage shall not exceed 20 gal/day; 200 gal/month and 2,400 gal/yr.
 - f. Cleanup material usage shall not exceed 8 gal/day; 123.75 gal/month and 1,485 gal/yr.
2. The permittee shall store all rags employed during the cleanup process in closed containers with tightly fitting covers.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records for this emissions unit which list the following information:
 - a. the name and company identification of each acrylic coating, varnish coating, litho ink, fountain solution, roller

wash, blanket wash, and cleanup material employed;

b. the gallons of all acrylic and varnish coatings, all litho inks, all fountain solution, all roller washes, all blanket washes, and all cleanup materials employed, including water; and

c. the OC content of each acrylic coating, varnish coating, litho ink, fountain solution, roller wash, blanket wash, and cleanup material employed, in pounds per gallon, including water.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record which shows an exceedance of the OC content limits and/or the daily usage limits. This notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within thirty days after the exceedance occurs.
2. The permittee shall also submit annual reports of the total usages for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Formulation data or USEPA Method 24 shall be used to determine the OC content of each acrylic coating, varnish coating, litho ink, fountain solution, roller wash, blanket wash, and cleanup material employed.
2. Compliance with the OC content limits and the daily usage limits shall be demonstrated by the record keeping requirements in C.1.
3. The OC emissions are calculated using 95% retention for litho inks, 25% retention in rags for cleanup materials with a vapor pressure of greater than 10 mm Hg, 50% retention in rags for cleanup material with a vapor pressure of 10 mm Hg or less, and 0% retention for acrylic or varnish coatings, fountain solutions, roller washes, and blanket washes. These retention numbers are in accordance with Ohio EPA Engineering Guide # 68.

F. Miscellaneous Requirements

None