

Facility ID: 1409010002 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: 1409010002 Emissions Unit ID: K003 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>
K003 - Flexographic Printing Press #116	OAC rule 3745-31-05(A)(3) (PTI 14-1829)	Volatile Organic Compound (VOC) emissions shall not exceed 1.26 tons/year. See terms A.2.a, A.2.b and B.1. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(Y)(1). See Term A.2.b.

2. Additional Terms and Conditions

- (a) The VOC content of each coating and ink, as applied, shall not exceed 4.0 pounds of VOC per gallon excluding water and exempt solvents. The VOC content of each coating and ink employed in this emissions unit shall not exceed the following limitations:
 - i. Forty (40%) percent VOC by volume of the coating and ink, excluding water and exempt solvents; or
 - ii. Twenty-five (25%) percent VOC by volume of the volatile matter in the coating and ink.

B. Operational Restrictions

1. The total amount of coatings and inks employed in this emissions unit shall not exceed 630 gallons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit K003:
 - a. The name and identification of each coating and ink employed.
 - b. The VOC content of each coating and ink, in pounds per gallon, as applied.
 - c. The number of gallons of each coating and ink employed
 - d. The percent VOC by volume of each coating or ink, excluding water and exempt solvents or the percent VOC by volume of the volatile matter in the coating or ink.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing that the emissions unit exceeded any VOC content limit and/or the usage limit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days after the exceedance occurs.

E. Testing Requirements

1. Emission Limitation:

Volatile Organic Compound (VOC) emissions shall not exceed 1.26 TPY of VOC.

 - a. Compliance with the annual VOC emission limitation shall be determined by multiplying the actual annual usage rate of each coating and ink (gal/yr) by the actual VOC content, as applied (lbs of VOC/gal) of each respective coating and ink, adding the results, and dividing by 2000.
2. USEPA Methods 24 and 24A shall be used to determine the VOC content for (a) coatings and (b) flexographic

and rotogravure printing lines and related coatings, respectively. If, pursuant to 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

3. Compliance with the VOC content limitations in terms A.2.a and A.2.b shall be demonstrated by the record keeping in term C.1.
4. Compliance with the usage limitation in term B.1 shall be demonstrated by the record-keeping in term C.1.

F. **Miscellaneous Requirements**

1. None