

Facility ID: 1431071521 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: 1431071521 Emissions Unit ID: R006 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>
R006 - 6 color sheet fed offset lithographic printing press	OAC rule 3745-31-05(A)(3) (PTI 14-05633)	Volatile Organic Compound (VOC) emissions shall not exceed 1.6 lbs/hr.  Volatile Organic Compound (VOC) emissions shall not exceed 7.1 TPY.  See terms A.2.b and B.1.

**2. Additional Terms and Conditions**

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the ink, coating, fountain solution additives and cleanup materials volatile organic compound (VOC) content limits and compliance with the emission limitations.  
 All used, solvent soaked rags from the clean-up of this emissions unit shall be stored in containers with tightly fitting lids.  
 The hourly and annual emission limitations outlined in term A.1 are based upon the emissions unit's potential to emit. Therefore, no hourly or annual records are required to demonstrate compliance with these limits.

**B. Operational Restrictions**

1. The volatile organic compound (VOC) content, as applied, of each material employed in this emissions unit shall not exceed the following limits:
  - Material VOC Content
  - Inks 12.0 % by weight
  - Coatings 0.5 pound/gallon
  - Fountain Solution 2.0 pounds/gallon
  - Cleanup Materials 6.8 pounds/gallon

**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 ink, coating, fountain solution and cleanup material employed.
  - b. The organic compound (VOC) content of each ink, coating, fountain solution and cleanup material in pounds per gallon or percent by weight, as applied.

[Note: The information must be for the materials as employed, including any thinning solvents added at the emissions unit.]

**D. Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services of any record showing that this emissions unit has exceeded the emission limitations and/or the OC content limitations outlined in term B.1. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 30

days after the exceedance occurs.

**E. Testing Requirements**

1. Compliance with the emission limitations specified in this permit shall be demonstrated in accordance with the following methods:

Emission Limitations:

Volatile Organic Compound (VOC) emissions shall not exceed 1.6 lbs/hr.

Volatile Organic Compound (VOC) emissions shall not exceed 7.1 TPY.

Applicable Compliance Method:

Compliance shall be demonstrated using the operational parameters as submitted in the PTI application received October 21, 2004 and the method presented in the Printing Industry of Ohio's document "Enviroprint Ohio".

2. Compliance with the OC content limitations in term B.1 shall be demonstrated by the record keeping in term C.1.
3. 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 VOC contents of the coatings.

**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.