

Facility ID: 1431153442 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: 1431153442 Emissions Unit ID: K004 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>
7-Color flexographic printing press	OAC rule 3745-31-05 (PTI 14-3453)	37.8 LBS/DAY VOC 6.64 TPY VOC 5.72 LBS/DAY Ammonia 1.04 TPY Ammonia
	OAC rule 3745-21-09(Y)	See T&C A.2. None

2. **Additional Terms and Conditions**
  - (a) The VOC content of each ink as applied shall not exceed 0.53 pound per gallon.  
The VOC content of each cleanup material employed shall not exceed 6.7 pounds per gallon.  
The ammonia content of each ink employed shall not exceed 1% by weight.

**B. Operational Restrictions**

1. Ink usage shall not exceed 65 gallons per day.
2. Cleanup material usage shall not exceed 0.5 gallon per day.

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

1. The permittee shall maintain daily records which list the following information:
  - a. the company identification of each ink or cleanup material;
  - b. the number of gallons of each ink employed and the total number of gallons of all inks employed;
  - c. the VOC content of each ink employed, in pounds of VOC per gallon, as applied;
  - d. the number of gallons of each cleanup material employed and the total number of gallons of all cleanup materials employed;
  - e. the VOC content of the cleanup materials employed, in pounds of VOC per gallon of cleanup material;
  - f. the total daily VOC emissions from all inks and cleanup materials, in pounds {summation of [(b x c) + (d x e)]};
  - g. the ammonia content, in percent by weight, for each ink employed in this emissions unit;
  - h. the weight of each ink employed, in pounds; and
  - i. the total daily ammonia emissions from all inks, in pounds {summation of (g x h)}.

**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 any VOC or ammonia emissions limit, VOC or ammonia content limit, or daily usage limit. This report shall identify the cause for the exceedance of any emission, content, or usage limit and any corrective action being taken. The notice shall include a copy of such record and shall be submitted to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.

**E. Testing Requirements**

1. 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 section 4.3 of Method 24, 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.
  2. Compliance with the VOC and ammonia emissions limits, VOC and ammonia content limits, and the daily usage limits shall be determined by the record keeping requirements in Term and Condition C.1.
- F. **Miscellaneous Requirements**

None