

Facility ID: 1431052165 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: 1431052165 Emissions Unit ID: R004 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>
Heatset web offset press w/ drying oven (8-unit Lithographic Press)	PTI 14-3153 OAC 3745-21-07(G)	See A.2. See A.2.c.

**2. Additional Terms and Conditions**

- (a) The OC emissions from the oven exhaust (ink only) shall not exceed 9.6 lbs/hour, 230 lbs/day, 3.44 tons/month, and 14 tons/year.
 

The hourly and daily OC emissions limits are based on the maximum production capacity of the equipment; therefore, no record keeping, reporting, or testing is required to demonstrate compliance with the hourly or daily OC emissions limits.

Compliance with the annual OC emissions limit shall be determined by a rolling, 12-month summation. The OC emissions from all inks, fountain solutions and cleanup materials shall not exceed a combined total of 251.3 lbs/day, 3.7 tons/month and 16.8 tons/year.

The daily OC emissions limit is based on the maximum production capacity of the equipment; therefore, no record keeping, reporting, or testing is required to demonstrate compliance with the daily OC emissions limit.

Compliance with the annual OC emissions limit shall be determined by a rolling, 12-month summation. The use of any photochemically reactive material as defined in OAC 3745-21-01(C)(5) is prohibited.

**B. Operational Restrictions**

None

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

1. The permittee shall maintain monthly records of the following:
  - a. The name and identification of each ink, fountain solution and cleanup material employed, as applied.
  - b. An identification of each ink, fountain solution and cleanup material employed, indicating whether or not each ink, fountain solution and cleanup material is a photochemically reactive material.
  - c. The OC content of each ink, fountain solution and cleanup material, as applied, in pounds per gallon.
  - d. The number of gallons of each ink, fountain solution and cleanup material employed.
  - e. The OC emissions from all inks, i.e., the sum of c times d for all inks employed divided by 2000, in tons per month.
  - f. The rolling, 12-month summation of the total OC emissions from all inks, i.e., the sum of e for the previous 12 calendar months, in tons per year.
  - g. The OC emissions from all inks, fountain solutions and cleanup materials, i.e., the sum of c times d for all inks, fountain solutions and cleanup materials employed divided by 2000, in tons per month.

- h. The rolling, 12-month summation of the total OC emissions from all inks, fountain solutions and cleanup materials, i.e., the sum of g for the previous 12 calendar months, in tons per year.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA field office) of any monthly record which shows the use of any photochemically reactive material, an exceedance of the monthly OC emission limits, and/or an exceedance of the annual emission limits. The notification shall include a copy of each such record, an explanation for the exceedance and what is being done to correct the violation. The notification shall be submitted within 30 days of the exceedance.
2. The permittee shall also submit annual reports which specify the total OC emissions from all inks and from all inks, fountain solutions, and cleanup materials 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 (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 monthly and annual OC emissions limits outlined in this permit shall be demonstrated by the record keeping requirements in C.1.

**F. Miscellaneous Requirements**

None