

Facility ID: 1431190717 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: 1431190717 Emissions Unit ID: R002 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>
6-Color Sheet-fed Offset Press	OAC rule 3745-31-05 See F.2.	0.04 LB OC/HR (ink only) 48.99 LB OC/DAY 6.62 TPY OC
	OAC rule 3745-21-07(G) See F.2.	See B.1. below.

### 2. Additional Terms and Conditions

- (a) This emissions unit shall be subject to the following OC content limitations:

Offset Printing Ink 2.4 Lbs/Gal\*  
Blanket Wash 6.93 Lbs/Gal\*  
Dampening Solution 5.1 Lbs/Gal\*  
Roller Wash 3.45 Lbs/Gal\*

\* pounds per gallon of coating, including water

The emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs.

### B. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), is prohibited.
2. The permittee shall store all rags used in the cleanup process in closed containers with tightly fitted covers.
3. This emissions unit shall be subject to the following usage limitations:

Offset Printing Ink 1,100 gallons/year\*  
Blanket Wash 1,100 gallons/year\*  
Dampening Solution 1,000 gallons/year\*  
Roller Wash 300 gallons/year\*

\* including water, based on a rolling, 12-month summation

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

1. The permittee shall collect and record the following information each month:
  - a. the company identification of each liquid organic material employed in this emissions unit; and
  - b. an indication of whether or not each liquid organic material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).
2. The permittee shall collect and record the following information each month for the entire facility:
  - a. the name and identification number of each coating, as applied;
  - b. the individual Hazardous Air Pollutant (HAP) content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
  - c. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (b));

- d. the number of gallons of each coating employed;
  - e. the name and identification of each cleanup material employed;
  - f. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
  - g. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (f));
  - h. the number of gallons of each cleanup material employed.
  - i. the total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material); and
  - j. the total combined HAP emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. This information does not have to be kept on a line-by-line basis.

- 3. This permittee shall maintain daily records which list the following:
  - a. the company identification of each ink, dampening solution, blanket wash and roller wash;
  - b. the number of gallons of each ink, dampening solution, blanket wash and roller wash employed;
  - c. the OC content of each ink, dampening solution, blanket wash and roller wash, in pounds per gallon;
  - d. the rolling, 12-month summations of the usages of all inks, all dampening solutions, all blanket washes and all roller washes, in gallons;
  - e. the OC emissions from each ink, dampening solution, blanket wash and roller wash, i.e., (b)(c), in pounds; and
  - f. the OC emissions from this emissions unit, i.e., the sum of (e) for all inks, dampening solutions, blanket washes and roller washes, in pounds.

**D. Reporting Requirements**

- 1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or the local air agency) of any daily or monthly record which shows an exceedance of the OC content limits, daily OC emission limit, or usage limits set forth in this permit. The permittee shall also notify the Director of any monthly record which shows the use of any photochemically reactive materials in this emissions unit. A copy of each record which shows an exceedance of the limits or use of photochemically reactive materials shall be submitted within (30) days of the exceedance or usage.
- 2. The permittee shall submit an annual report which summarizes the total OC emissions, the individual HAP emissions, and the combined HAP emissions from this emissions unit. This report shall be submitted by February 15 of each year and shall cover the previous calendar 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 organic compound contents of the coatings and inks.
- 2. Compliance with the emission and usage limitations outlined in this permit shall be demonstrated by the record keeping requirements in sections C.1, C.2. and C.3. of this permit.

**F. Miscellaneous Requirements**

- 1. The hourly and/or daily emission limitation(s) outlined in this permit are based upon the maximum hourly production/application rate at 24 hours per day. Therefore, no hourly and/or daily records are required.
- 2. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 14-3876 as issued on 11/29/95:

Part II, Special Terms and Conditions: A-E.