

Facility ID: 1431050845 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: 1431050845 Emissions Unit ID: K001 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>
Six Color Flexographic Printing Press	PTI 14-4263	436 LBS VOC/DAY*, 13.1 TPY VOC**, 470 LBS Ammonia/DAY*, 12.6 TPY Ammonia**
	40 CFR Part 63, Subpart KK	See A.2.
	OAC 3745-21-09(Y)(1)(a)	See A.2.c. and d. See A.2.e.

2. Additional Terms and Conditions

- (a) *The daily VOC and Ammonia emission limits are based upon the maximum production/application rate; therefore, no daily record keeping, reporting or testing are required to demonstrate compliance with these limits.
 **The annual VOC and Ammonia emission limits are based on rolling, 12-month summations.
 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 not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs, based upon a rolling, twelve-month summation.
 The permittee shall submit an initial notification for this emissions unit in accordance with 40 CFR 63.830(b)(1) by May 30, 1998.
 The VOC content of the coatings and inks employed shall not exceed the following limitations:
 - a. forty percent VOC by volume of the coating and ink, excluding water; or
 - b. twenty-five percent VOC by volume of the volatile matter in the coating and ink.

B. Operational Restrictions

1. The following usage limits shall not be exceeded:

Inks 27,526 gallons/year
 Coatings 24,927 gallons/year
 Cleanup materials 100 gallons/year

C. Monitoring and/or Record Keeping Requirements

1. 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);
 - 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);
 - k. the rolling, twelve-month total for individual HAP emissions for each HAP, in pounds or tons; and
 - l. the rolling, twelve-month total for combined HAP emissions for all HAPs, in pounds or tons.

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.
2. The permittee shall maintain monthly records which list the following information for each ink, coating and cleanup material employed in emissions unit K001:
- a. the company identification of each ink, coating and cleanup material employed;
 - b. the percent VOC by volume of each coating and ink employed, excluding water;
 - c. the percent VOC by volume of the volatile matter in each coating and ink employed;
 - d. the VOC content of each coating, ink and cleanup material employed, in pounds per gallon;
 - e. the ammonia content of each coating, ink and cleanup material employed;
 - f. the total gallons of each coating, ink and cleanup material employed;
 - g. the total VOC emissions (the sum of (d) times (f) for all coatings, inks and cleanup materials employed);
 - h. the total ammonia emissions (the sum of (e) times (f) for all coatings, inks and cleanup materials employed);
 - i. the rolling, 12-month summation of the total VOC emissions; and
 - j. the rolling, 12-month summation of the total ammonia emissions.
- D. **Reporting Requirements**
- 1. The permittee shall submit quarterly deviation (excursion) reports which identify any exceedances of the VOC content limits, the VOC emissions limit, the ammonia emissions limit, the individual HAP emissions limit and/or the combined HAP emissions limit.
- 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 HAP emissions limits shall be demonstrated by the record keeping requirements in C.1.
 - 3. Compliance with the VOC content limits, the annual VOC emission limit and the ammonia emission limit shall be demonstrated by the record keeping requirements in C.2.
- F. **Miscellaneous Requirements**

None