

Facility ID: 1409070867 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: 1409070867 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>
2-color Station Flexographic Printing Press	OAC 3745-31-05 (See Section F)	24.5 LBS VOC /HR 2.3 TONS /MONTH and 18.2 TPY of VOC from coatings 2.26 LBS /HR of NH3 6.8 TPY of NH3 See T&C A.2.2.a. See T&C A.2.2.c.
	OAC 3745-17-07(A) (See Section F)	Visible particulate emissions shall not exceed 20% opacity. as a six-minute average, except as specified by rule.
	OAC 3745-21-09(Y)(1) (See Section F)	See T&C A.2.2.b.
	40 CFR Part 63, Subpart KK (See Section F)	See T&C D.3.

2. Additional Terms and Conditions

- (a) The VOC content of each coating employed shall not exceed 0.7 pound of VOC per gallon, based upon a monthly, volume-weighted average, including water.
The VOC content of each coating employed shall not exceed forty percent by volume of the coating, excluding 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 amount of coatings employed shall not exceed 6,448 gallons per month and 52,000 gallons per year, including water.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for emissions unit K001:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating (excluding water and exempt solvents), as applied, in percent by volume.
 - c. The VOC content of each coating (including water), as applied, in pounds per gallon.
 - d. The amount of each coating employed (including water), in gallons.
 - e. The amount of all coatings employed (including water), in gallons.

- f. The mass of VOC emissions from each coating, in pounds per month; (c) * (d).
 - g. The mass of VOC emissions from all coatings, in pounds per month.
 - h. The monthly, volume-weighted average VOC content of all coatings (including water).
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 (the sum of 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 (the sum of 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.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing that the actual coating usage, mass emissions of VOC, and/or VOC content exceed(s) the limitations outlined in this permit. This notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within thirty days after the exceedance occurs.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or the local air agency) of any exceedance of the HAP emissions limitations set forth in this permit to operate. The permittee shall submit annual reports which identify all exceedances of these limitations, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year. If no exceedances occurred during the reporting period, then a report is required stating so.
3. The permittee shall submit an initial notification for this emissions unit in accordance with 40 CFR 63.830(b)(1).

E. Testing Requirements

1. Compliance with the ammonia emission limitations outlined in this permit shall be determined by the emissions factors, control efficiencies, and the operational parameters in PTI application number 14-4326 as submitted on 7/9/97.
2. Compliance with the visible emissions limitation shall be determined by the methods specified out in OAC 3745-17-03(B)(1)
3. 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 or 24A, 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.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 14-4326 as issued on 7/9/97: A-E.