

Facility ID: 1483060233 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: 1483060233 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>
K004-Adhesive coating line for miscellaneous metal parts	OAC rule 3745-31-05(A)(3) PTI 14-771	Volatile organic compound (VOC) emissions shall not exceed 15.85 tons per year.
	OAC rule 3745-21-09(U)(1)(c)	See A.2.a, B.1 and B.2 below. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

### 2. Additional Terms and Conditions

- (a) The VOC content of the adhesive coating shall not exceed 1.07 pounds of VOC per gallon of coating excluding water and exempt solvents (based upon a daily volume-weighted average), as applied.

### B. Operational Restrictions

1. The adhesive coating usage shall not exceed 10,841 gallons per year, excluding water and exempt solvents.
2. The usage of methylene chloride shall not exceed 1,825 gallons per year as cleanup material.

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

1. The permittee shall collect and record the following information each day for the line:
  - a. the name and identification number of each adhesive coating, as applied;
  - b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each adhesive coating, as applied;
  - c. the daily volume-weighted average VOC content of all adhesive coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC;2; and
  - d. the number of gallons of methylene chloride employed.
2. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
  - a. the name and identification of each cleanup material as employed;
  - b. the number of gallons of each cleanup material employed;
  - c. the VOC content of each cleanup material, in pounds per gallon; and
  - d. the total VOC emissions from all adhesive coatings and cleanup materials, in tons.

### D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing that the daily volume-weighted average VOC content exceeded the applicable limitation. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.

The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit, and the number of gallons of adhesive coatings and methylene chloride employed in this emissions unit, for the previous calendar year. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements**

1. Emission Limitation:

1.07 lbs of VOC per gallon of adhesive coating

Applicable Compliance Method:

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, 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.

Emission Limitation:

15.85 TPY VOC

Applicable Compliance Method:

Compliance with this yearly VOC emission limitation shall be demonstrated based upon the record keeping requirements in sections C.1 and C.2 of this permit.

Emission Limitation:

10,841 gallons per year of adhesive coating

Applicable Compliance Method:

Compliance with the annual usage limitation shall be demonstrated based upon the record keeping requirements in section C.1 of this permit. The daily usage of all adhesive coating materials, excluding water and exempt solvents, in gallons, shall be added together for each day of the calendar year.

Emission Limitation:

1,825 gallons per year of methylene chloride

Applicable Compliance Method:

Compliance with the annual usage limitation shall be demonstrated based upon the record keeping requirements in section C.2 of this permit.

**F. Miscellaneous Requirements**

None