

Facility ID: 0125042142 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: 0125042142 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>
coil coating dip tank with an infrared curing oven	OAC rule 3745-31-05 (PTI 01-4304)	Organic compound (OC) emissions from all surface coatings shall not exceed 5.70 lbs per hour. OC emissions from all surface coatings and cleanup materials shall not exceed 24.99 tons per year. OC emissions from the use of any wax and ink shall not exceed 0.16 ton per year. The emissions of any individual hazardous air pollutant (as listed in Section 301 of the Clean Air Act) shall not exceed 10.0 tons per year.
	OAC rule 3745-21-09(E)	See A.2.a and B.1 through B.4 below. The emission limitation specified in this rule (2.6 pounds of volatile organic compounds per gallon of coating, excluding water and exempt solvents) is less stringent than the emission limitations established pursuant to OAC rule 3745-31-05.
	40 CFR Part 60, Subpart TT	The emission limitation specified in this rule (0.28 kilogram of volatile organic compounds per liter of coating solids applied, as a monthly volume-weighted average) is less stringent than the emission limitations established pursuant to OAC rule 3745-31-05.

2. Additional Terms and Conditions

- (a) The hourly OC emission limitation represents the potential to emit for this emissions unit and was derived using the maximum OC coating content limitation at the emissions unit's maximum application rate. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this emission limitation.

B. Operational Restrictions

1. The permittee shall not employ surface coatings with an OC content greater than 1.92 lbs per gallon, excluding water and exempt solvents.
2. The permittee shall not employ inks with an OC content greater than 2.02 lbs per gallon, excluding water and exempt solvents.
3. The permittee shall not employ waxes with an OC content greater than 0.47 lb per gallon, excluding water and exempt solvents.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line:
 - a. The name and identification number of each surface coating, ink, wax, and cleanup material employed.

- b. The OC content of each surface coating, ink, and wax employed (excluding water and exempt solvents), as applied, in pounds per gallon.
 - c. The total number of gallons, excluding water and exempt solvents, of each surface coating, ink, and wax employed.
 - d. The OC content of each cleanup material employed, in pounds per gallon.
 - e. The total number of gallons of each cleanup material employed, unless water is used (if water is used, an entry stating so is sufficient).
 - f. The total organic compound emissions from all coatings and cleanup materials employed, in pounds.
 - g. The total organic compound emissions from all waxes and inks employed, in pounds.
 - h. The total emissions of each hazardous air pollutant from all surface coatings, inks, waxes, and cleanup materials employed, in pounds.
2. The permittee shall also maintain the following records;
- a. The solvent composition of each surface coating, ink, and wax employed (i.e., records that list all organic compounds in the solvent).
 - b. The individual organic compound contribution, by weight and by volume, to the total solvent make-up of each surface coating, ink and wax.
3. At least once per calendar year, the permittee shall conduct, or have conducted, an analysis of coating L-3143D in accordance with the method and procedures specified in Section E.1.a. The results of these analyses shall be maintained at the facility.
- D. Reporting Requirements**
- 1. The permittee shall notify the Director (the Ohio EPA, Central District Office) in writing of any monthly record showing the use of noncomplying surface coatings, inks and waxes (for OC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Central District Office) within 30 days following the end of the calendar month.
 - 2. The permittee shall also submit annual reports which specify the total organic compound emissions from all surface coatings and cleanup materials, total organic compound emissions from all inks and waxes, and the total emissions of each hazardous air pollutant from this emissions unit for the previous calendar year. These annual reports shall be submitted by January 31 of each year.
- E. Testing Requirements**
- 1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitations:
The permittee shall not employ surface coatings with an OC content greater than 1.92 lbs per gallon, excluding water and exempt solvents.

The permittee shall not employ inks with an OC content greater than 2.02 lbs per gallon, excluding water and exempt solvents.

The permittee shall not employ waxes with an OC content greater than 0.47 lb per gallon, excluding water and exempt solvents.

Applicable Compliance Method:
OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the OC contents for the surface coatings, inks and waxes. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular surface coating, ink or wax, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that surface coating, ink or wax to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
Emission Limitation:
OC emissions from all surface coatings shall not exceed 5.70 lbs per hour.

Applicable Compliance Method:
The hourly OC emission limitation represents the potential to emit for this emissions unit and was derived using the maximum OC coating content limitation (1.92 lbs/gallon excluding water and exempt solvents-51.7%) at the emissions unit's maximum application rate (5.5 gallons of coating/hr). If required, the permittee shall demonstrate compliance with this emission limitation through emission tests conducted in accordance with 40 CFR Part 60, Appendix A, Method 25.
Emission Limitations:
OC emissions from all surface coatings and cleanup materials shall not exceed 24.99 tons per year.

OC emissions from the use of any wax and ink shall not exceed 0.16 ton per year.

The emissions of any individual hazardous air pollutant (as listed in Section 301 of the Clean Air Act) shall not exceed 10.0 tons per year.

Applicable Compliance Method:
Compliance with these emission limitations shall be based upon the records required pursuant to Section C.
- F. Miscellaneous Requirements**
- 1. None