

Facility ID: 1667020042 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: 1667020042 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>
miscellaneous metal parts coating line, spray booth with exhaust fan filters to control paint overspray	OAC rule 3745-31-05 (A)(3) (PTI 16-02149)	29.6 pounds/day and 5.4 tons/year of organic compounds (OCs)

The permittee shall employ exhaust fan filter elements at all times this emissions unit is in operation.  
3 gallons/day of total coating usage [coatings, as applied, after final blending]

OAC 3745-21-09 (U)(2)(e)(ii)

**2. Additional Terms and Conditions**

- (a) The above OC emission limits [regulated under OAC rule 3745-31-05 (A)(3)] and coating usage limitation [regulated under OAC 3745-21-09 (U)(2)(e)(ii)] are greater than the respective potential to emit and potential coating usage for this emissions unit, as determined from permit application data. Therefore, no record keeping, reporting, or emissions/coating usage calculations are required to demonstrate compliance with these limitations. However, if any proposed change(s), such as with coating formulations, thinning solvents, reducing ratios, maximum coating application rate capacity, cleanup materials, etc., or any other change(s), increase(s) the emissions unit's potential to emit, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to making the change(s).

**B. Operational Restrictions**

1. None

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

1. None

**D. Reporting Requirements**

1. None

**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 method:

Emission Limitations: 29.6 pounds/day and 5.4 tons/year of OCs

Applicable Compliance Method: Compliance with the above OC emission limits is assumed since these limitations are greater than the potential to emit, based on application data.

The above OC emission limitations were established pursuant to the following:

$$Ed = (Cc)U + (F)[(S1)(S1c) + (S2)(S2c)]/D;$$

$$Ey = EdDT;$$

Where:

Ed = 29.6 pounds/day [daily OC emission limitation];  
Ey = 5.4 tons/year [yearly OC emission limitation];

Cc = 3.67 pounds of OCs/gallon of coating [highest OC content coating reported in permit application];  
U = 3 gallons/day [maximum allowable coating usage limitation];  
S1c = 4.23 pounds of OCs/gallon of solvent [OC content of solvent LS 902 reported in permit application];  
S1 = 110 gallons/year [maximum proposed usage of solvent LS 902];  
S2c = 6.20 pounds of OCs/gallon of solvent [OC content of solvent naptha reported in permit application];  
S2 = 25 gallons/year [maximum proposed usage of solvent naptha];  
F = 10.95 [factor used to adjust to 3 gallons/day of coating and associated cleanup];  
D = 365 days/year [maximum number of days per year];  
T = 1 ton/2000 pounds [conversion factor of pounds to tons].

F. **Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.