

Facility ID: 0448011150 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: 0448011150 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>                                    |
|--|--------------------------------------|---|
| K001 - Spray paint booth with dry filtration system for painting 55 gallon chemical storage drums. | OAC rule 3745-31-05(A)(3)            | 2 tons of volatile organic compounds (VOC) per year, based on a rolling 12-month summation. |
|  |                                      | 2.4 tons/yr of particulate emissions (PE)   |
|  |                                      | See A.2.a   |
|  |                                      | See A.2.b.  |
|  | OAC rule 3745-17-07(A)               | 0.551 lb/hr PE  |
|  | OAC rule 3745-17-11(B)(1)            |   |
|  | OAC rule 3745-21-09(U)(2)(e)(iii)    | Exemption for less than or equal to 10.0 gallons of coating on any given day                |

**2. Additional Terms and Conditions**

- (a) The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A), OAC rule 3745-17-11(B)(1), and OAC rule 3745-21-09(U)(2)(e)(iii). Visible particulate emissions, from any stack, shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

**B. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

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

1. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information each day for the coating line:
  - a. the name and identification number of each coating and clean up material employed;
  - b. the volume, in gallons, of each coating and clean up material employed;
  - c. the pounds of VOC per gallon, as applied, of each coating and clean up material employed;
  - d. the pounds of VOC emitted ((b.) x (c.)), in pounds per day, from each coating and cleanup material employed;
3. The permittee shall collect and record the following information each month for this emissions unit:
  - a. the calculated VOC emissions from all coatings and cleanup materials, in tons per month; and
  - b. the rolling, 12-month summation of VOC emissions from all coatings and cleanup materials, in tons.
4. The emissions of VOC from this emissions unit shall not exceed 2 tons per year, based upon a rolling, 12-month summation of the daily VOC emissions.

**D. Reporting Requirements**

1. The permittee shall submit semiannual deviation (excursion) reports that identify each day when the dry filtration

system was not in service when the emissions unit was in operation.

2. The permittee shall submit semiannual deviation (excursion) reports which an identification of all exceedances of the rolling, 12-month emission limitation for VOC
3. The semiannual deviation reports shall be submitted to the Toledo Division of Environmental Services (TDOES). The written reports shall be submitted by January 31 and July 31 of each year and shall cover the previous semiannual period.
4. The permittee shall notify TDOES in writing of any daily record showing that the paint booth employed more than 10 gallons in any day. The notification shall include a copy of such record and shall be sent to TDOES within 45 days after the exceedance occurs.

**E. Testing Requirements**

1. Compliance with the emission limitations in sections A.1. and A.2. of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
  
20% opacity as a 6-minute average  
  
Applicable Compliance Method:  
  
If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).  
Emission Limitation:  
  
0.551 lb/hr of particulate emissions  
  
Applicable Compliance Method:  
  
If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Method 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).  
Emission Limitation:  
  
less than or equal to 10.0 gallons of coating employed in any given day  
  
Applicable Compliance Method:  
  
Compliance shall be demonstrated based upon the record keeping requirements specified in section C.2.  
Emission Limitation:  
  
2 tons of VOC per year, based on a rolling 12-month summation  
  
Applicable Compliance Method:  
  
Compliance shall be demonstrated based upon the record keeping requirements specified in section C.3.  
Emission Limitation:  
  
2.4 tons/yr PE  
  
Applicable Compliance Method:  
  
The 2.4 tpy emission limitation was developed by multiplying the 0.551 lb/hour emission rate by a maximum operating schedule of 8760 hours/year and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

**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.