

Facility ID: 0125252111 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: 0125252111 Emissions Unit ID: K002 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>
Automotive paint spray booth #2, equipped with exhaust filter	OAC rule 3745-21-09(U)(2)(c) OAC rule 3745-17-11(B) OAC rule 3745-17-07	None -- exempt from the requirements of OAC 3745-21-09(U)(1) 0.551 lb PM/hr Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

2. **Additional Terms and Conditions**
  - (a) Combined VOC emissions from K001 and K002 shall not exceed 28 lbs/day.

**B. Operational Restrictions**

1. The maximum, combined usage of coatings and cleanup materials for K001 and K002 shall not exceed 4.0 gal/day.
2. All coating operations causing air emissions, including operations in the preparation area outside of the spray booth, shall occur only when the exhaust fans of the spray booth are operating.

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

1. The permittee shall collect and record the following information for each day that coating operations are undertaken:
  - a. The company identification for each coating and cleanup material employed.
  - b. The amount of each coating and cleanup material employed, in gallons.
  - c. The VOC content of each coating and cleanup material employed, in lbs/gal, as identified through formulation data or USEPA Method 24 testing.
  - d. The VOC emission rate for all coatings and cleanup materials employed in both K001 and K002, in lbs/day, i.e., the sum total of (C.1.b)x(C.1.c) for each coating and cleanup material employed in each emissions unit.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the combined VOC emissions from K001 and K002 exceeded 28.0 lbs/day, and the actual VOC emissions for each such day.
  - b. An identification of each day during which the combined amount of coatings and cleanup materials employed in both K001 and K002 exceeded 4.0 gal/day, and the actual, combined amount of coating and cleanup material usage for each such day.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A of these terms and conditions shall be determined in

accordance with the following method(s):

Emission Limitation:  
28.0 lbs VOC/day

Applicable Compliance Method:  
Daily recordkeeping of coating and cleanup usage and VOC content of coatings and cleanup materials.

Formulation data or USEPA Method 24 shall be used to determine the VOC content of the coatings and cleanup materials.

Emission Limitation:  
0.551 lb PM/hr

Applicable Compliance Method:  
Particulate emissions are determined by the following equation:

$(SC) \times (V) \times (1 - TE) \times (1 - FE) = \text{PM emitted, in lbs/hr}$

Where:

SC = solids content of the coating(s) applied, in lbs/gal, based on formulation data or USEPA Method 24;

V = volume of coating applied, in gal/hr;

TE = transfer efficiency of painting equipment (use 0.40);

FE = filter efficiency (use 0.90)

If required, compliance shall be demonstrated through stack testing in accordance with the procedures specified in OAC rule 3745-17-03(B)(10).

Emission Limitation:  
20% opacity as a 6-minute average

Applicable Compliance Method:

If required, compliance shall be demonstrated through visible emissions observations performed in accordance with the procedures specified in OAC rule 3745-17-03(B)(1).

**F. Miscellaneous Requirements**

1. None