

Facility ID: 1431483350 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: 1431483350 Emissions Unit ID: R001 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> |
|---|---|--|
| architectural sign coating line               | OAC rule 3745-31-05<br>See section F.1.<br>OAC 3745-21-07(G)(2) | See T&C A.2.a and b.<br><br>*                            |

**2. Additional Terms and Conditions**

- (a) The total organic compound (OC) emissions from this emissions unit shall not exceed 4.0 lbs/hr, 32.0 lbs/day, and 1.79 tons/yr (TPY).  
The OC content of all coatings employed in this emissions unit shall not exceed 6.39 lbs/gallon of coating, minus water and exempt solvents.

\* The limit based on this rule is less stringent than the above limits.

**B. Operational Restrictions**

1. The maximum coating usage (excluding water) shall not exceed 0.5 gallon/hr, 4.0 gallons/day and 450 gallons/yr.
2. The maximum cleanup solvent usage shall not exceed 0.8 gallon/day and 100 gallons/yr.

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

1. The permittee shall collect and record the following information each day for the coating operation:
  - a. The company identification of each coating and cleanup material employed.
  - b. Documentation on whether or not each coating and cleanup material is a photochemically reactive material.
  - c. The number of gallons of each coating, photochemically reactive cleanup material, and non-photochemically reactive cleanup material employed.
  - d. The OC content of each coating and cleanup material, in pounds per gallon.
  - e. The OC emission rate for each coating and cleanup material, in pounds.
  - f. The total OC emission rate for all non-photochemically reactive cleanup materials, in pounds.
  - g. The total OC emission rate for all coatings and photochemically reactive cleanup materials, in pounds.
  - h. The total number of hours the emissions unit was in operation.
  - i. The average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, (i.e., C.1.g/C.1.h, in pounds per hour (average)).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of all periods during which the average hourly OC emission rate (from coatings and photochemically reactive cleanup materials) exceeded 4.0 lbs/hr, as well as the corrective action(s) that were taken to achieve compliance.

b. An identification of each day during which the OC emission rate (from coatings and photochemically reactive cleanup materials) exceeded 32.0 lbs/day, as well as the corrective action(s) that were taken to achieve compliance.

**E. Testing Requirements**

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

a. Formulation data or USEPA method 24 (for coatings) or 24A (for flexographic and rotogravure printing inks and related coatings) shall be used to determine the OC contents of the inks and coatings.

b. Compliance with the usage limitations shall be determined by section C.1.

c. The record keeping requirements in section C.1 shall be used to demonstrate compliance with the above emission limitations of 4.0 lbs/hr, 32 lbs/day, and 1.79 TPY.

i. Emission limitation

4 lbs VOC/hr.

Applicable compliance method: Record keeping in accordance with section C (c.1.g/c.1.h)

ii. Emission limitation

32 lbs/hr

Applicable compliance method: Record keeping by using daily records (c.1.g)

iii. Emission limitation

1.79 TPY

Applicable compliance method: Record keeping by using daily records (The yearly emissions limitation shall be demonstrated by summing up all daily emissions for the calendar year.)

**F. Miscellaneous Requirements**

1. The following terms & conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 14-1643 issued, as issued on September 20, 1989: A, B, C, D, and E.