

Facility ID: 1431083843 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: 1431083843 Emissions Unit ID: P002 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> |
|---|--------------------------------------|--|
| Gelcoat Spraying | OAC 3745-31-05 See F.1 | Emissions of organic compounds (OC) from coating and cleanup materials shall not exceed 3.0 lbs/hr, 40 lbs/day, and 5.20 tons/yr |
| | OAC 3745-21-07(G) | Less stringent than above limits |

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. The daily average styrene content of the gelcoat used in this emissions unit shall not exceed 40%, by weight.
2. The amount of gelcoat used in this emissions unit shall not exceed 9.17 lbs/hr, 165 lbs/day, and 21.45 tons/yr.
3. The amount of cleanup material used in this emissions unit shall not exceed 0.14 gallon/hr, 2.5 gallons/day and 655 gallons/yr.
4. The density of the cleanup material shall not exceed 6.6 lbs/gallon.
5. The permittee shall operate and maintain a ventilation system to adequately capture and disperse the emissions from this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records of the following for this emissions unit:
 - a. the amount of gelcoat used, in pounds;
 - b. the styrene content of each gelcoat used, in percent by weight;
 - c. the amount of cleanup material used, in gallons;
 - d. the density of the cleanup material used, in lbs/gallon;
 - e. the hours of operation;
 - f. the average hourly polyester resin usage rate, i.e., (a)/(e), in lbs/hr;
 - g. the average hourly cleanup material usage rate, i.e.,(c)/(e), in gallons/hr; and
 - h. the average styrene content of all gelcoat used, i.e., the sum of (b) for each different gelcoat used divided by the number of different gelcoats used, in percent by weight.
2. These records shall be retained in a log at the facility for a period of not less than three years and shall be made available to the Director or any authorized representative of the Director for review upon request.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record required in Section C.1 showing an exceedance of the operating restrictions listed in Sections

B.1-B.5. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District office or local air agency) within 30 days after the exceedence occurs.

2. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year, calculated in accordance with Section E. These reports shall be submitted by February 15 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:

a. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the gelcoat and cleanup materials.

b. Hourly and daily usage limitations shall be demonstrated through record keeping in accordance with Section C.1.

c. Hourly emission limitations shall be demonstrated as follows:

i. Lbs OC/hr from gelcoat = $(C.1.f) \times (C.1.h) \times (0.305)$; where 0.305 = the emission factor for styrene in gelcoat, from AP-42 Vol. 1 Chap 4.4.

ii. Lbs OC/hr from cleanup = $(C.1.d) \times (C.1.g)$

iii. Total lbs OC/hr from gelcoat and cleanup = $(E.1.c.i) + (E.1.c.ii)$

d. Daily emission limitations shall be demonstrated as follows:

i. Total lbs OC/day from gelcoat and cleanup = $(C.1.e) \times [(C.1.f) + (C.1.g)]$

e. Annual emission limitations shall be demonstrated as the sum of the daily emissions, calculated for each day in accordance with Section E.1.d.i, for the calendar year.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the requirements contained in permit to install 14-3704 issued for this emission unit on February 15, 1995: Sections A, B, C, D, E, F.