

Facility ID: 1677011095 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: 1677011095 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
casting operation - gel-coat spray system, marble mixing equipment, and various size molds	OAC rule 3745-31-05 (PTI 16-1963)	9.0 tpy of organic compounds (OC) for all mold release materials, gel coat materials, resins, and cleanup materials (including photochemically reactive and nonphotochemically reactive cleanup materials)
	OAC rule 3745-21-07(G)(2)	8.0 lbs/hr of OC for all mold release materials, gel coat materials, resins, and photochemically reactive cleanup materials
		40 lbs/day of OC for all mold release materials, gel coat materials, resins, and photochemically reactive cleanup materials

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. the permittee's identification for each mold release material, gel coat material, resin and photochemically reactive cleanup material employed;
  - b. the number of pounds of each mold release material, gel coat material, resin, and photochemically reactive cleanup material employed;
  - c. the styrene content of each gel coat material, in weight-percent;
  - d. the styrene content of each resin, in weight-percent;
  - e. the OC content of each mold release material and photochemically reactive cleanup material, in weight-percent;
  - f. the total OC emission rate for all mold release materials, gel coat materials, resins and photochemically reactive cleanup materials, in pounds per day (i.e., the sum of 0.213\* times (b) times (c) divided by 100 for each gel coat material plus the sum of 0.047\* times (b) times (d) divided by 100 for each resin plus the sum of (b) times (e) divided by 100 for each mold release material plus the sum of (b) times (e) divided by 100 for each photochemically reactive cleanup material);
  - g. the total number of hours the emissions unit was in operation; and
  - h. the average hourly OC emission rate for all mold release materials, gel coat materials, resins, and photochemically reactive cleanup materials, i.e., (f)/(g), in pounds per hour (average).

[Note: The gel coat materials, mold release materials, and resins information must be for the gel coat material, mold release materials, and resins as employed, including any thinning solvents added at the emissions unit.]

\*Emission factors taken from Table 2.16 in "CFA Emission Models for the Reinforced Plastics Industries" (February 28, 1998). Emission factors based on 47% styrene in the gel coat and 35% styrene in the resin. Emission factors for other styrene concentrations should be used as appropriate.

2. The permittee shall collect and record the following information each month for the purpose of determining annual OC emissions:
  - a. the permittee's identification for each nonphotochemically reactive cleanup material employed;
  - b. the number of pounds of each nonphotochemically reactive cleanup material employed;
  - c. the OC content of each nonphotochemically reactive cleanup material, in weight-percent; and
  - d. the total OC emission rate for all nonphotochemically reactive cleanup materials, in pounds (i.e., the sum of (b) times (c) divided by 100 for each nonphotochemically reactive cleanup material).

**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 average hourly OC emissions from the gel coat materials, mold release materials, resins, and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly OC emissions for each such day; and
  - b. an identification of each day during which the OC emissions from the gel coat materials, mold release materials, resins, and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual OC emissions for each such day.

The deviation reports shall be submitted in accordance with the requirements specified in Part I, General Term and Condition A.3.

2. The permittee shall also submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year, in tons. These reports shall be submitted by January 31 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:  
Emission Limitation:

8.0 lbs/hr of OC for mold release materials, gel coat materials, resins, and photochemically reactive cleanup materials

40 lbs/day of OC for mold release materials, gel coat materials, resins, and photochemically reactive cleanup materials

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the daily record keeping requirements specified in section C.1 of these terms and conditions.

Emission Limitation:

9.0 tpy of OC for mold release materials, gel coat materials, resins, and cleanup materials (including photochemically reactive and nonphotochemically reactive cleanup materials)

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the daily and monthly record keeping requirements specified in sections C.1 and C.2 of these terms and conditions.

**F. Miscellaneous Requirements**

1. None