

Facility ID: 0250000902 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: 0250000902 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>
Polyester Resin Casting	PTI No.: 02-6816 OAC 3745-21-07(G)(2)	OC: 11.7 tons/year The emissions of styrene shall not exceed forty pounds per day and eight pounds per hour from the polyester resin casting operations. The OC emissions shall not exceed twenty four pounds per day for cleanup operations.

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

B. Operational Restrictions

1. The permittee shall use closed containers to hold all polyester resin material and all cleanup solvents in order to minimize the emission of OC to the atmosphere.
2. The cleanup tanks shall be kept covered when not in use.
3. The cleanup solvents shall not be photochemically reactive materials as defined in OAC 3745-21-01 (C) (5).

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the operation:
 - a. The identification and amount of polyester resin cast applied (pounds);
 - b. The styrene content of the polyester resin, in percent by weight;
 - c. The amount (pounds) of styrene emitted from the polyester resin;
 - d. The amount of cleanup solvent emitted from the polyester resin casting;
 - e. The total number of hours that the emissions unit was in operation; and
 - f. The average hourly styrene emission rate.
2. These records, as well as any supporting coating analyses and computations, shall be maintained and retained in the company's files for a three-year period and shall be made available to any authorized representative of the Director of the Ohio EPA for review during normal business hours.

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 styrene emissions from the polyester resin casting operations exceeded 8 pounds per hour, and the actual average hourly styrene emissions for each such day.
 - b. An identification of each day during which the styrene emissions from the polyester resin casting operations

exceeded 40 pounds per day, and the actual styrene emissions for each such day.

2. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation of 40 lb/day and 8 lb/hour shall be determined in accordance with the following method:

Styrene emissions from polyester resin casting shall be determined by using the following equation from AP-42, Table 4.4-2 (1995 Edition):

$$E = PR \times ST \times 0.02$$

E = pounds of styrene emitted per day
PR = pounds of resin cast per day, and
ST = weight percent of styrene in resin

Styrene resin content shall be determined by formulation data.

2. Compliance with the emission limit of 24 lb/day of cleanup solvent shall be based on record keeping of Section C.1.

F. Miscellaneous Requirements

1. None