Facility ID: 0124010112 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: 0124010112 Emissions Unit ID: R005 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Lamination table # 3	OAC 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the ovens are in use.

2. **Additional Terms and Conditions**

   (a) The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.
   For purposes of determining compliance with the 8.0 lbs OC /hr and 40 lbs OC/day emission limits specified above, an organic compound emission factor of .268% of the weight of the resin applied, as determined by the emission tests conducted on March 8, 1994, shall be utilized unless otherwise approved in writing by Ohio EPA.

B. **Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination operation:

   (a) The name and identification number of each resin employed.

   (b) Documentation on whether or not the resin is a photochemically reactive material.*

   (c) The number of pounds of resin employed each hour.

   (d) The total number of pounds of resin employed during the day.

   (e) The total number of pounds of acetone employed during the day.**

   (f) The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)**

   (g) The organic compound emission rate for the resin, in pounds per hour, for each hour of the day (i.e., (pounds of resin/hr) x .00268).

   (h) The organic compound emission rate for the resin, in pounds per day (i.e., (pounds of resin/day) x .00268).

   * The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
   ** This item is not a term and condition of this permit and, as such, will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.
   The permittee shall collect and record the following information each day for the use of the oven:

(a) The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)

(b) The organic compound emission rate during oven operation, in pounds per day (i.e., (a) x .64 pound, where .64 pound is the average hourly emission rate shown by the emissions test performed on May 16, 1991).

D. **Reporting Requirements**

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

   (a) An identification of each day during which the hourly organic compound emission rate from the resin exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such day.

   (b) An identification of each day during which the organic compound emission rate from the resin exceeded 40 pounds per day, and the actual organic compound emission rate for each such day.

2. The permittee shall submit deviation (excursion) reports for the oven that identify each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day.

3. Any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit shall be reported to the Ohio EPA and approved in advance, in writing, by the Ohio EPA.

E. **Testing Requirements**

1. The permittee shall conduct or have conducted, emission testing for this emissions unit in accordance with the following requirements:

   1. The emission testing shall be conducted 6 months prior to the permit renewal.

   2. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

   3. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

   Compliance with the 3 lbs OC/hr and 15 lbs/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

   Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing.

   4. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

   Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

   A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

F. **Miscellaneous Requirements**

1. None