

Facility ID: 1677120059 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.

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[Go to Part II for Emissions Unit R001](#)

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Facility ID: 1677120059 Emissions Unit ID: K001 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>
Surface coating line and 500 degrees Fahrenheit oven	PTI #16-1245	2.0 TPY of organic material for total facility
	3745-21-07(G)	See A.2.a below.
	3745-21-09(U)	See B.1 below.

**2. Additional Terms and Conditions**

- (a) The permittee shall not discharge more than 8 pounds per hour and 40 pounds per day of organic material into the atmosphere when employing, applying, or drying photochemically reactive materials on wood or plastic.  
The permittee shall employ a panel filter system to control overspray.

**B. Operational Restrictions**

1. The permittee shall not employ more than 10 gallons of coating in any one day when coating metal parts.

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

1. When coating wood or plastic the permittee shall collect and record the following information for each day for the coating operation:
  - a. the company identification for each coating and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon;
  - d. for each day during which a photochemically reactive material is employed, the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day;
  - e. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and
  - f. for each day during which a photochemically reactive material is employed, the average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), 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).]

When coating wood or plastic the permittee shall collect and record the following information for the purpose of determining annual organic compound emissions:

- a. the company identification for each nonphotochemically reactive cleanup material employed;
- b. the number of gallons of each nonphotochemically reactive cleanup material employed;

- c. the organic compound content of each nonphotochemically reactive cleanup material, in pounds per gallon;
  - d. the total organic compound emission rate for all nonphotochemically reactive cleanup materials, in pounds; and
  - e. for all days during which photochemically reactive materials are not employed, the total organic compound emission rate for all coatings, in pounds.
1. When coating metal parts the permittee shall collect and record the following information each day for the coating line:
    - a. the name and identification number of each coating employed;
    - b. the volume, in gallons, of each coating employed; and
    - c. the total volume, in gallons, of all of the coatings employed.  
When coating metal parts the permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
      - a. the name and identification of each cleanup material employed;
      - b. the number of gallons of each cleanup material employed;
      - c. the VOC content of each cleanup material, in pounds per gallon;
      - d. the VOC content of each coating, as applied, in pounds per gallon; and
      - e. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.
- D. Reporting Requirements**
1. The permittee shall submit deviation (excursion) reports which include the following information:
    - a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
    - b. for the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
  2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. 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 45 days after the exceedance occurs.
  3. The permittee shall 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 limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
2.0 TPY of organic material, for the total facility  
  
Applicable Compliance Method:  
  
Compliance with the annual organic emission limitation will be demonstrated by the record keeping associated with the coating of wood, plastic and metal for emissions units K001 and R001.  
Emission Limitation:  
8.0 pounds per hour of organic materials  
  
Applicable Compliance Method:  
  
Daily records shall be maintained of the organic compound content of each coating and cleanup material employed, the daily usage of each coating and cleanup material employed, and the calculated average hourly organic compound emission rate for all coatings and cleanup materials employed. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of each coating and cleanup material.  
Emission Limitation:  
40 pounds per day of organic materials  
  
Applicable Compliance Method:  
  
Daily records shall be maintained of the organic compound content of each coating and cleanup material employed, the daily usage of each coating and cleanup material employed, and the calculated daily organic compound emission rate for all coatings and cleanup materials employed. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of each coating and cleanup material.
- F. Miscellaneous Requirements**
1. None

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Facility ID: 1677120059 Emissions Unit ID: R001 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

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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>
U V coating line	PTI #16-1245	2.0 TPY of organic material for total facility
	3745-21-07(G)	See A.2.a below.
	3745-21-09(U)	See B.1 below.

**2. Additional Terms and Conditions**

- (a) The permittee shall not discharge more than 8 pounds per hour and 40 pounds per day of organic material into the atmosphere when employing, applying, or drying photochemically reactive materials on wood or plastic.  
The permittee shall employ a panel filter system to control overspray.

**B. Operational Restrictions**

1. The permittee shall not employ more than 10 gallons of coating in any one day when coating metal parts.

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

1. When coating wood or plastic the permittee shall collect and record the following information for each day for the coating operation:
  - a. the company identification for each coating and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon;
  - d. for each day during which a photochemically reactive material is employed, the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day;
  - e. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and
  - f. for each day during which a photochemically reactive material is employed, the average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), 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).]

When coating wood or plastic the permittee shall collect and record the following information for the purpose of determining annual organic compound emissions:

- a. the company identification for each nonphotochemically reactive cleanup material employed;
- b. the number of gallons of each nonphotochemically reactive cleanup material employed;
- c. the organic compound content of each nonphotochemically reactive cleanup material, in pounds per gallon;
- d. the total organic compound emission rate for all nonphotochemically reactive cleanup materials, in pounds;

and

e. for all days during which photochemically reactive materials are not employed, the total organic compound emission rate for all coatings, in pounds.

1. When coating metal parts the permittee shall collect and record the following information each day for the coating line:
  - a. the name and identification number of each coating employed;
  - b. the volume, in gallons, of each coating employed; and
  - c. the total volume, in gallons, of all of the coatings employed.  
When coating metal parts the permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
    - a. the name and identification of each cleanup material employed;
    - b. the number of gallons of each cleanup material employed;
    - c. the VOC content of each cleanup material, in pounds per gallon;
    - d. the VOC content of each coating, as applied, in pounds per gallon; and
    - e. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. for the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. 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 45 days after the exceedance occurs.
3. The permittee shall 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 limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
2.0 TPY of organic material, for the total facility  
Applicable Compliance Method:  
Compliance with the annual organic emission limitation will be demonstrated by the record keeping associated with the coating of wood, plastic and metal for emissions units K001 and R001.  
Emission Limitation:  
8.0 pounds per hour of organic materials  
Applicable Compliance Method:  
Daily records shall be maintained of the organic compound content of each coating and cleanup material employed, the daily usage of each coating and cleanup material employed, and the calculated average hourly organic compound emission rate for all coatings and cleanup materials employed. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of each coating and cleanup material.  
Emission Limitation:  
40 pounds per day of organic materials  
Applicable Compliance Method:  
Daily records shall be maintained of the organic compound content of each coating and cleanup material employed, the daily usage of each coating and cleanup material employed, and the calculated daily organic compound emission rate for all coatings and cleanup materials employed. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of each coating and cleanup material.

**F. Miscellaneous Requirements**

1. None