

Facility ID: 1677050153 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.

[Go to Part II for Emissions Unit P001](#)

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

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 1677050153 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>
electric drying oven for tungsten carbide sludge	OAC rule 3745-31-05 (PTI 16-1493)	12.0 lbs/day of organic compounds
		2.2 tons/yr of organic compounds
	OAC rule 3745-21-07(G)	no visible emissions to ambient air
		The requirements of this rule are less stringent than the above-mentioned control measure requirements.

**2. Additional Terms and Conditions**

- (a) None

**B. Operational Restrictions**

1. The permittee shall process only sludge which was produced on site. Materials generated off-site shall not be processed in this emissions unit.

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

1. The Permittee shall record the following information for each barrel or similar container of sludge processed:
  - a. weight prior to drying, in pounds;
  - b. weight after drying, in pounds;
  - c. organic compound content of the volatile portion, in % by weight;
  - d. organic compound loss, in pounds;
  - e. drying time, in hours; and
  - f. organic compound loss per hour (i.e., (d.)/(e.)).
2. The permittee shall perform daily checks whenever the emissions unit is operating for any visible emissions from the emissions unit. The presence or absence of any visible emissions from the emissions unit shall be noted in an operations log. If any visible emissions are observed from the emissions unit, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record showing that emissions from this unit exceeded 12.0 lb/day of organic compound. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the event occurs.
2. The permittee shall submit, on a semi-annual basis, a report which:
  - (a) identifies all days during which any visible emissions were observed from the emissions unit; and

(b) describes the corrective actions taken to eliminate the visible emissions.

These reports shall be submitted to the Director (the appropriate District Office or local air agency) by January 31 and July 31 of each year for the previous 6-month period.

**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:

- 12.0 lbs/day of organic compounds
- 2.2 tons/yr of organic compounds

Applicable Compliance Method:

Compliance shall be determined using the daily records maintained in accordance with section C.1 of these terms and conditions.

Emission Limitation:

no visible emissions to ambient air

Applicable Compliance Method:

Compliance shall be determined using methods and procedures specified in 40 CFR Part 60, Appendix A, Method 22 and OAC rule 3745-17-03 (B).

**F. Miscellaneous Requirements**

1. None

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[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>
wooden tool kit paint spray booth with disposable paper filters to control fugitive particulate matter emissions	OAC rule 3745-31-05 (PTI 16-1153)	6.0 lbs/hr of organic compounds 12.0 lbs/day of organic compounds 2.19 tons/yr of organic compounds

See A.2.a and A.2.b below.

OAC rule 3745-21-07(G)

The requirements of this rule are less stringent than the BAT requirements established in PTI 16-1153 above.

OAC rule 3745-21-09(I)

This rule was sited on the PTI, however the permittee is no longer coating metal furniture in this emissions unit and the rule is no longer applicable.

**2. Additional Terms and Conditions**

- (a) The permittee shall employ no more than 1.0 gallon per hour, and 2.0 gallons per day of coating in any one day in this emissions unit.  
The permittee shall not operate this emissions unit more than 5 days per week, or 260 days per year.

**B. Operational Restrictions**

1. The permittee shall operate the disposable paper filtration system when this emissions unit is in operation.

**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 company identification for each coating and cleanup material employed;
  - b. the number of gallons of each coating and cleanup material employed;
  - c. the organic compound content of each coating and cleanup material, in pounds per gallon;
  - d. the total organic compound emission rate for all coatings and cleanup materials, in pounds per day (i.e., (b)X (c));
  - e. the total number of hours the emissions unit was in operation; and
  - f. the average hourly organic compound emission rate for all coatings and cleanup materials (i.e., (d)/(e), in pounds per hour).
- D. **Reporting Requirements**
  1. The permittee shall notify the Director (the appropriate 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 District Office or local air agency) within 45 days after the exceedance occurs.
  2. The permittee shall submit deviation (excursion) reports which include the following information:
    - a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 6.0 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
    - b. an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 12.0 pounds per day, and the actual organic compound emissions for each such day.
  3. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record showing that the disposable paper filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the event occurs.
- 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 Limitations:

    - 6.0 lbs/hr of organic compounds
    - 12.0 lbs/day of organic compounds
    - 2.19 tons per year of organic compounds

Applicable Compliance Method:

The permittee shall use the daily records as required in section C of these terms and conditions to determine compliance with these emissions limitations.

Operational Restriction:

    - use of no more than 2.0 gallons of coatings per day

Applicable Compliance Method:

The permittee shall use the daily records as required in section C of these terms and conditions to determine compliance with these emissions limitations.
- F. **Miscellaneous Requirements**
  1. None