

Facility ID: 0204010359 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](#)
- [Go to Part II for Emissions Unit R002](#)

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

Facility ID: 0204010359 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>
Large diameter cyclone followed by a 20,080 acfm Pneumafil baghouse controlling various wood milling machines. The wood waste storage bin vent is controlled by the baghouse. The baghouse can vent to the atmosphere or into the building.	OAC rule 3745-31-05(A)(3) PTI # 02-7337 OAC rule 3745-17-11 OAC rule 3745-17-07	See A.2.a and A.2.c below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11 stated in A.2.b below. See A.2.b below. The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3) and stated in A.2.a below.

2. Additional Terms and Conditions

- (a) Visible emissions from this emissions unit stack shall not exceed 5% opacity.
 - Particulate matter emissions shall not exceed 1.53 lbs/hr.
 - Particulate matter emissions shall not exceed 6.70 tons per year.

B. Operational Restrictions

1. The cyclone and baghouse shall be operated with a sufficient volumetric flow rate to minimize or eliminate visible particulate emissions at the point(s) of capture to the extent possible with good engineering design.
2. The wood waste storage container vent shall be controlled by the baghouse at all times that the woodworking shop is in operation.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the wood waste storage bin vent was not controlled by the dust collector, and the corrective measures that were taken.
2. All deviation (excursion) reports shall be submitted in accordance with Section 2.b. of the General Terms and Conditions.

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:
 1.53 pounds per hour of particulate matter emissions

 Applicable Compliance Methods:
 If required compliance shall be determined by testing according to OAC rule 3745-17-03(B)(10), (Method 5, 40 CFR 60, Appendix A).

Emissions Limitation:

6.70 tons per year of particulate matter emissions

Applicable Compliance Methods:

Compliance with this emission limitation shall be determined by the following equation:

$$E = (0.03 \text{ gr/dscf}) \times (20,080 \text{ cfm}) \times (60 \text{ min/hr}) \times (8760 \text{ hr/yr}) \times (\text{lb}/7000 \text{ gr}) \times (\text{ton}/2000 \text{ lb}) \times (1-.99)$$

Where:

E is the annual particulate matter emission rate;
 0.03 gr/dscf is the emission factor from AP-42, table 10.4-1 version 2/80;
 20,080 cfm is the baghouse flow rate; and
 99% is an estimate of the dust collector control efficiency.

Emission Limitation:

Visible emissions from the dust collector exhaust stack shall not exceed 5% opacity.

Applicable Compliance Methods:

Compliance with the visible emissions limit shall be determined by OAC rule 3745-17-03(B)(1), (Method 9, 40 CFR 60, Appendix A).

F. Miscellaneous Requirements

1. None

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

Facility ID: 0204010359 Emissions Unit ID: R001 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>
Binks paint spray booth with manually operated, HVLP spray guns for the application of paint to wood grills.	OAC rule 3745-31-05(A)(3) PTI 02-7337	See A.2.a and A.2.c below.
	OAC rule 3745-21-07(G)	The requirements of this rule do not apply as the use of photochemically reactive materials is prohibited.

2. Additional Terms and Conditions

- (a) Organic compound emissions shall not exceed 27 lbs/day from this emissions unit.
 OC emissions from all coatings and cleanup materials shall not exceed 4.99 tons per year from this emissions unit.
 The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

 Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

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 that the emissions unit is in 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; and
- d. the total organic compound emissions rate for all coatings and cleanup materials, in pounds per day (the sum of C.1.b times C.1.c for each coating and cleanup material).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

D. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports which include an identification of each day during which the total organic compound emissions exceed 27 pounds per day, and the actual organic compound emissions for each such day.
- 2. All deviation (excursion) reports shall be submitted in accordance with Section 2.b of the General Terms and Conditions.

E. Testing Requirements

- 1. Compliance with the emissions limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 Emissions Limitation:
 27 pounds per day of OC emissions

 Applicable Compliance Method:
 Compliance shall be determined based upon the record keeping specified in section C.1.
 Emissions Limitation:
 4.99 tons per year of OC emissions

 Applicable Compliance Method:
 Compliance shall be determined based upon the record keeping specified in C.1 and shall be the sum of the OC emissions for the 365 days during the previous calendar year.
- 2. Formulation data or USEPA Method 24, as specified in 40 CFR 60, Appendix A, shall be used to determine the organic compound content of the coatings.

F. Miscellaneous Requirements

- 1. None

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

Facility ID: 0204010359 Emissions Unit ID: R002 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>
72 inch x 72 inch x 12 inch dip tank for the application of paint to wood grills.	OAC rule 3745-31-05(A)(3) PTI 02-7337 OAC rule 3745-21-07(G)	See A.2.a through A.2.c below. The requirements of this rule do not apply as the use of photochemically reactive materials is prohibited.

2. Additional Terms and Conditions

- (a) Organic compound emissions shall not exceed 27 lbs/day from this emissions unit.
 OC emissions from all coatings and cleanup materials shall not exceed 4.99 tons per year from this

emissions unit.

The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

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 that the emissions unit is in operation:
 - a. the company identification for each coating and cleanup material employed;
 - b. the number of gallons of each coating added to the tank and each cleanup material employed;
 - c. the organic compound content of each coating and cleanup material, in pounds per gallon;
 - d. the number of days that this emissions unit was in operation since the last addition to the tank; and
 - e. the average, total organic compound emissions rate for all coatings and cleanup materials, in pounds per day (the sum of C.1.c times C.1.b for each coating added to the tank and cleanup material employed and then divided by C.1.d).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day during which the average total organic compound emissions exceed 27 pounds per day, and the actual organic compound emissions for each such day.
2. All deviation (excursion) reports shall be submitted in accordance with Section 2.b of the General Terms and Conditions.

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:

Emissions Limitation:
27 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be determined based upon the record keeping specified in section C.1.

Emissions Limitation:
4.99 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be determined based upon the recordkeeping specified in C.1 and shall be the sum of the OC emissions for the 365 days of the previous calendar year.
2. Formulation data or USEPA Method 24, as specified in 40 CFR 60, Appendix A, shall be used to determine the organic compound content of the coatings and cleanup material.

F. Miscellaneous Requirements

1. None