

Facility ID: 1677110081 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: 1677110081 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>
ZED laser #1 rubber engraver, controlled by a thermal oxidizer	OAC rule 3745-31-05 (PTI 16-1704)	0.5 lb/hr of organic compounds 2.19 tpy of organic compounds
	OAC rule 3745-17-07	1% opacity as a 6-minute average
	OAC rule 3745-17-11	0.551 lb/hr of particulates 2.41 tpy of particulates
	OAC rule 3745-21-07(G)	Less stringent than OAC rule 3745-31-05

**2. Additional Terms and Conditions**

- (a) The permittee shall employ best available technology (BAT) to control organic compound emissions, both particulate and vapor, from this emissions unit. The control technology shall include the following:
  - i. the employment of a properly installed thermal oxidizer (incinerator), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control organic compound emissions; and
  - ii. the employment of properly installed hoods, ducts, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent organic compound emissions to the thermal incinerator. Based on PTI 16-1704 worksheet calculations, including an assumed 85.5% overall control efficiency of the thermal incinerator, the hourly and annual organic compound and particulates emission limits are greater than the emissions unit's potential to emit. Therefore, no recordkeeping, reporting, nor compliance demonstration calculations are required with these limits.

**B. Operational Restrictions**

1. The permittee shall not operate the emissions unit unless the operating temperature of the thermal incinerator has reached 1400 degrees Fahrenheit.

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

1. None

**D. Reporting Requirements**

1. None

**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% opacity as a 6-minute average  
  
 Applicable Compliance Method:  
  
 OAC rule 3745-17-03(B)(1)  
 Emission Limitation:

0.551 lb/hr of particulates  
2.41 tpy of particulates

Applicable Compliance Method:

Stack testing may be required in the future in accordance with the procedures and test method(s) specified in OAC rule 3745-17-03(B)(10).

Emission Limitation:

0.5 lb/hr of organic compounds  
2.19 tpy of organic compounds

Applicable Compliance Method:

Stack testing may be required in the future in accordance with the procedures of Method 25 of 40 CFR Part 60, Appendix A.

F. **Miscellaneous Requirements**

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit, are subject to public disclosure in accordance with OAC rule 3745-49-03.
2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the emissions unit.