

Facility ID: 0812750224 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: 0812750224 Emissions Unit ID: N001 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>
Burn-off Oven	PTI 08-3474	0.021 TPY PM; 5% opacity visible emission limitation as a 3-minute average
Same	OAC 3745-17-09	0.10 lb PM/100 lbs salvageable material charged

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. Proper operating procedures shall be employed at all times during the operation of emissions unit N001. These procedures shall include a pre-heating cycle as specified by the manufacturer. The pre-heated temperature for the oven shall be at 300 degrees Fahrenheit and the pre-heated temperature for the afterburner shall be at 1400 degrees Fahrenheit.
2. The operating temperature of the secondary combustion chamber of the controlled pyrolysis burn-off oven shall be 1400 degrees Fahrenheit or greater.
3. The incinerator door shall be kept closed during the entire burn-off cycle.
4. The maximum annual operating hours for this emissions unit shall not exceed 208.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor which measures the temperature, in degrees Fahrenheit, of the secondary combustion chamber of the pyrolysis furnace. The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations with any modifications deemed necessary by the permittee. The monitoring devices shall be capable of accurately measuring the desired parameter and shall include appropriate interlocks, set at 1400 degrees Fahrenheit, to ensure unit shutdown in case of malfunction
2. The permittee shall maintain monthly records of the operating hours for this emissions unit.

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance Methods

Compliance with the emission limitation(s) in Section A.I.1 of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
0.10 lb particulate matter/100 lbs salvageable material charged

Applicable Compliance Method-
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(8).

Emission Limitation-
5% visible emission opacity limitation, as a 3-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the tests and procedures specified in USEPA Reference Method 9.

Emission Limitation-

0.021 TPY particulate matter

Applicable Compliance Method-

This limit is based on the maximum rated capacity of the emissions unit of 1000 lbs of salvageable material per 5 hour cycle, the allowable emission limit of 0.10 lb particulate matter/100 lbs salvageable material charged and the limited operating schedule of 208 hours/yr divided by 2000 lbs/ton. Compliance with this emissions limitation shall be determined by multiplying the maximum rated capacity of the emissions unit (1000 lbs of salvageable material per 5 hr cycle for an average of 200 lbs of salvageable material per hr) times the allowable emission limit (0.10 lb particulate matter/ 100 lbs salvageable material charged) and the actual operating hours per year, divided by 2000 lbs/ton.

F. Miscellaneous Requirements

1. The facility 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.