

Facility ID: 0306020186 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: 0306020186 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>
1200 lb/hr Copper Reclaim Incinerator w/ Afterburner	PTI #03-1847 3745-17-09 3745-17-07(A)	1.2 lbs PM/hr See AT&C (2.b) The limit based on this rule is less stringent than the PTT's limit

2. Additional Terms and Conditions

- (a) This incinerator is mechanically-fed and must be equipped with an air lock system to prevent opening the incinerator to the room environment. The volume of the loading system shall be designed so as to prevent the overcharging of the unit to ensure complete combustion of the charged material. Visible emissions from this emissions unit shall not exceed 5 percent opacity, as a 6-minute average. The afterburner installed on this emissions unit for the control of particulate matter shall be operated and maintained in accordance with the manufacturer's specifications, instructions, and operating manuals. This incinerator, including all associated equipment and grounds, shall be designed, operated and maintained to prevent the emission of objectionable odors.

B. Operational Restrictions

1. The secondary combustion chamber for this incinerator shall be maintained at a minimum temperature of 1300 degrees Fahrenheit.
2. The secondary chamber shall be preheated by allowing the secondary burner (afterburner) to operate for 15 minutes before charging any material. Both the primary and secondary burners shall be operated the entire time material is being incinerated.
3. The permittee shall have this incinerator inspected monthly using preventive maintenance procedures recommended by the equipment manufacturer. Each inspection shall include a written report identifying any needed repairs to the unit. If repairs are needed, the incinerator shall not be operated if the operation would result in any exceedance of the emissions limits detailed in this permit. These repairs shall be completed within 30 days of the inspection. If a time period longer than 30 days is needed to complete the repairs, the appropriate Ohio EPA District Office or local air agency shall be notified in writing. This notice shall list the repairs needed and the reason(s) the repairs could not be accomplished within the required time period. All inspection and repair reports shall be kept by the permittee for a period of 5 years and shall be made available to the Director upon request.
4. This incinerator shall be operated only by operators trained in the proper operating and charging techniques.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor which measures the temperature of the secondary combustion chamber when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each monitor shall be guaranteed by the manufacturer to be within plus/minus 1 percent of the temperature being measured or plus/minus 5 degrees Fahrenheit, whichever is greater. The temperature monitor shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. The permittee shall collect and record the following information each day:
 - The average temperature of the secondary combustion chamber during each hour of operation.
 - A log or record of operating time for this emissions unit and the associated monitoring and control equipment.

D. Reporting Requirements

1. The permittee shall submit temperature deviation (excursion) reports that identify any time period during which the average temperature of the secondary combustion chamber does not comply with the temperature limitation specified above.

E. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
The emission testing shall be conducted within 6 months prior to permit renewal.
The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulates.
The following test method shall be employed to demonstrate compliance with the allowable mass emission rate: Method 5 of 40CFR Part 60, Appendix A.
The test shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date, the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time and date of the test, and the person(s) who will be conducting the test. Failure to submit such notification for review and approval prior to the test may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test.

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test shall be signed by the person or persons responsible for the test and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test.

2. Compliance with the emission limitations in Section A of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

5% opacity

Applicable Compliance Method:

Compliance with the visible emission limitations shall be determined in accordance with the test method and procedures in OAC rule 3745-17-03(B)(1).

Emission Limitation:

1.2 lbs PM/hr

Applicable Compliance Method:

Compliance with the particulate emission limitation shall be determined in accordance with the test method and procedures in OAC rule 3745-17-03(B)(8).

F. Miscellaneous Requirements

1. Waste Disposal:
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.