Facility ID: 0855100473 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: 0855100473 Emissions Unit ID: N004 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Controlled Pyrolysis Cleaning Furnace #4; Paint Bake-off Oven	OAC 3745-17-09	particulate matter-0.10 lb/100 lbs salvageable material charged, 1.80 TPY
same as above	PTI 08-3519	.0025 TPY sulfur dioxide; 0.42 TPY nitrogen oxides; 0.09 TPY carbon monoxide; 0.024 TPY organic compound 5% visible emission opacity limit as a 3-minute avg.

2. **Additional Terms and Conditions**

   (a) The TPY allowable emission rates (for each pollutant) were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

B. **Operational Restrictions**

1. The temperature of the secondary combustion chamber of the controlled pyrolysis furnace shall be 1400 degrees Fahrenheit or greater.

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

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature, in degrees Fahrenheit, of the secondary combustion chamber of the pyrolysis furnace. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations with any modifications deemed necessary by the permittee. The monitoring and recording devices shall be capable of accurately measuring the desired parameter.

2. The permittee shall maintain a log of all periods of time when the emissions unit is in operation and the secondary combustion chamber temperature was less than 1400 degrees Fahrenheit.

D. **Reporting Requirements**

1. The permittee shall notify the Regional Air Pollution Control Agency (RAPCA) in writing of any record of deviation of the secondary combustion chamber temperature below 1400 degrees Fahrenheit, as well as the corrective action(s) taken. The notification shall include a copy of such record and shall be submitted to the RAPCA within 45 days after the deviation occurs.

E. **Testing Requirements**

1. Compliance Methods

   Compliance with the emission limitation(s) in Section A.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-
   1.80 TPY particulate matter

Applicable Compliance Method-
This limit is based on the maximum rated capacity of the emissions unit (400 lbs of salvageable material/hour) times the allowable emission limit of 0.10 lb particulate matter/100 lbs salvageable material charged and the maximum operating schedule of 8760 hours per year (24 hrs/day, 365 days/yr), divided by 2000 lbs/ton. Compliance with this emission limitation shall be determined by multiplying the maximum rated capacity of the emissions unit (400 lbs of salvageable material/hour) times the allowable emission limit (.10 lb particulate matter/100 lbs salvageable material charged) and the actual operating hours per year, divided by 2000 lbs/ton.
Emission Limitations-
0.0025 TPY sulfur dioxide
0.42 TPY nitrogen dioxide
0.09 TPY carbon monoxide
0.024 TPY organic compound

Applicable Compliance Method-
Compliance shall be determined by multiplying the actual annual natural gas usage times the appropriate AP-42 emission factor, and dividing by 2000..
Emission Limitation-
5% visible emission opacity limit (as a 3-minute average)

Applicable Compliance Method-
Compliance shall be determined by visible emission evaluations performed in accordance with procedures specified in USEPA Reference Method 9 (40 CFR Part 60, App. A) with the opacity values determined based on a 3-minute average..

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.