

INTRODUCTION

PTI #03-13128 allows for the installation of a controlled pyrolysis cleaning furnace (emissions unit N001) at Continental PET Technology Inc., in Fremont, Ohio. The furnace, which is equipped with an afterburner, will clean metal parts that are coated with paint or other organic material at a maximum rate of 50 pounds per batch. Each batch will require a minimum of three and a half hours to complete the cleaning process.

A. APPLICABLE EMISSION LIMITATIONS AND/OR CONTROL REQUIREMENTS

1. Particulate emissions (PE) from emissions unit N001 shall not exceed 0.20 pound per one hundred pounds of liquid, semi-solid, or solid refuse and salvageable material charged.
2. Visible emissions from emissions unit N001 shall not exceed 0% opacity as a six-minute average.

B. OPERATIONAL RESTRICTIONS

1. The furnace shall be installed, operated, and maintained in accordance with the manufacturer's specifications.
2. The afterburner temperature shall be maintained at 1400° F or greater while emissions unit N001 is in operation.
3. The permittee shall not charge the furnace with "infectious waste" as defined in OAC 3745-75-01 (C)(5).

C. MONITORING AND RECORD KEEPING REQUIREMENTS

1. The permittee shall record the temperature of the afterburner on an hourly basis while emissions unit N001 is in operation.
2. The permittee shall maintain a log of all periods of time during which the emissions unit was in operation while the afterburner temperature was less than 1400° F.
3. Each record of any monitoring data, testing data, and support information

required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit.

D. REPORTING REQUIREMENTS

1. The permittee shall submit quarterly written reports summarizing the following:
 - a. any deviations (excursions) from emission limitations and operational restrictions that have been detected by testing, monitoring, and record keeping requirements specified in this permit;
 - b. all periods of time during which the emissions unit operated while the afterburner temperature was less than 1400° F;
 - c. the probable cause of such deviations; and
 - d. any corrective actions or preventive measures that have been or will be taken.

If no deviations occurred during the calendar quarter, the permittee shall submit a quarterly report which states that no deviations occurred during the quarter.

The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters (these quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06). All reports shall be submitted to the Northwest District Office.

E. TESTING REQUIREMENTS

1. Compliance with the emission limitations shall be determined in accordance with the following methods:

- a. Emission Limitation - 0.20 pound PE per 100 pounds charged; 0.03 lbs PE/hour and 0.13 tons PE/year

Applicable Compliance Method - Compliance with the above limits may be determined by using utilizing stack data from an identical unit. If required by the Ohio EPA, compliance shall be determined by testing utilizing the test method and procedures in OAC rule 3745-17-03 (B)(10).

- b. Emission Limitation - 0% opacity as a six-minute average

Applicable Compliance Method - OAC rule 3745-17-03(B)(1)

F. MISCELLANEOUS REQUIREMENTS

None