

**SPECIAL TERMS AND CONDITIONS
AIRCRAFT BRAKING SYSTEMS, INC
PTI #16-1841**

A. Applicable Emissions Limitations and/or Control Requirements

1. This emissions unit shall be controlled with a thermal incinerator with at least a 99 percent control efficiency.
2. The thermal incinerator serves as the equally effective control equipment required by OAC rule 3745-21-07(J)(2).
3. 2.47 lbs/hr and 10.82 tons per year of organic material.

B. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time, shall be equal to or greater than 1750 degrees Fahrenheit.

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 of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder 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:

- (a) The average temperature of the exhaust gases from the thermal incinerator during each of the eight 3-hour blocks of time during the day.
- (b) A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1750 degrees Fahrenheit.

2. The permittee shall submit quarterly summaries which include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

3. The deviation reports and quarterly summaries shall be submitted in accordance with the requirements specified in The General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitations in PTI #16-1841 shall be determined in accordance with the following methods:

Emission Limitation:

- 1.92 pounds per hour organic materials.
- 8.41 Tons per year organic materials.
- 99 percent destruction control efficiency.

Applicable Compliance Method:

A. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within 6 months of the issuance of this permit.

b. The emission testing shall be conducted to demonstrate compliance with the control efficiency limitation for organic compounds.

c. The following test method(s) shall be employed to demonstrate compliance with the overall control

efficiency limitation: Method 25 of
Appendix A

40 CFR Part 60,

d. The test(s) 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.

B. The control efficiency (i.e., the percent reduction in mass emissions _____ between the inlet and outlet of the control system) shall be determined in _____ accordance with the test methods and procedures specified in OAC rule _____ 3745-21-10 or the approved alternative test protocol (e.g., the mass balance _____ protocol approved on 10/25/95). The test methods and procedures selected _____ shall be based on a consideration of the diversity of the organic species present _____ and their total concentration, and on a consideration of the potential presence of _____ interfering gases.

E. Miscellaneous Requirements

None