

Company Name \_\_\_\_\_

EPA ID# No. \_\_\_\_\_

Region/Inspector \_\_\_\_\_

Inspection Date \_\_\_\_\_

Indicate:

X Violations

Indicate:

X Satisfactory  
NA Not Applicable

APPENDIX J

Thermal Treatment

A. \_\_\_\_\_ Before adding hazardous waste, the owner or operator has brought his thermal treatment process to steady state (normal) conditions of operation - 373-3.16(b). \_\_\_\_\_

B. In addition to the waste analyses required by subdivision 373-3.2(d), the owner or operator has sufficiently analyzed any waste which he has not previously treated in his thermal process to:

(1) \_\_\_\_\_ Enable him to establish steady state (normal) or other appropriate (for a non-continuous process) operating conditions (including waste and auxiliary fuel feed) - 373-3.16(c). \_\_\_\_\_

(2) \_\_\_\_\_ Determine the type of air contaminants which might be emitted - 373-3.16(c). \_\_\_\_\_

(3) \_\_\_\_\_ Determine the heating value of the waste - 373-3.16(c)(1). \_\_\_\_\_

(4) \_\_\_\_\_ Determine the halogen content and sulfur content in the waste - 373-3.16(c)(2). \_\_\_\_\_

(5) \_\_\_\_\_ Determine the concentrations in the waste of lead and mercury, unless the owner or operator has written documented data that show the element is not present - 373.16(c)(3). \_\_\_\_\_

C. The owner and operator has conducted, as a minimum, the following monitoring and inspections when thermally treating hazardous waste:

(1) \_\_\_\_\_ Existing instruments which relate to temperature and emission control must be monitored at least every 15 minutes - 373-3.16(d)(1)(i). \_\_\_\_\_

(2) \_\_\_\_\_ Appropriate corrections to maintain steady state or other appropriate thermal treatment conditions are not made immediately, either automatically or by the operator - 373-3.16(d)(1)(i). \_\_\_\_\_

Indicate:

X Violations

Indicate:

X Satisfactory  
NA Not Applicable

- (3) \_\_\_ The stack plume (emissions), where present, is observed \_\_\_  
visually at least hourly for normal appearance (color  
and opacity) - 373-3.16(d)(1)(ii).
- (4) \_\_\_ The operator must immediately make any indicated \_\_\_  
operating corrections necessary to return any visible  
emissions to their normal appearance - 373-3.16(d)(1)(ii).
- (5) \_\_\_ The complete thermal treatment process and associated \_\_\_  
equipment (pumps, valves, conveyors, pipes, etc.) are  
inspected at least daily for leaks, spills and  
fugitive emissions, and system alarms must be checked  
to assure proper operation - 373-3.16(d)(1)(iii).
- D. \_\_\_ At closure, the owner or operator has removed all hazardous waste \_\_\_  
and hazardous waste residues from the thermal treatment process or equipment  
- 373-3.16(e).
- E. \_\_\_ Open burning of hazardous waste is prohibited except for the \_\_\_  
open burning and detonation of waste explosives - 373-3.16(f).