Air Quality Permit Application Form

Incinerator

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit.

(please complete shaded areas)

1. Facility identification: 

2. Manufacturer: 

3. Model number: 

4. Please check the appropriate response:
   a. Chambers? 
      Single chamber 
      Multiple chambers 
   b. Primary chamber burner? 
      Yes 
      No 
      Burner size? 
      million Btus per hour heat input 
   c. Secondary chamber burner? 
      Yes 
      No 
      Burner size? 
      million Btus per hour heat input 
   d. Afterburner? 
      Yes 
      No 
      Burner size? 
      million Btus per hour heat input 
   e. If a primary burner, secondary burner, and/or afterburner is used, what type of fuel is used? 
      Natural gas 
      Propane 
      #2 fuel oil 
      Other (please specify) 

5. Type of feeding system (check appropriate response)? Batch Automatic 

6. Maximum designed batch or feeding rate: pounds per hour 

7. Types of materials burned (mark appropriate boxes):
   Medical waste % Food stuffs % 
   Paper products % Animal tissue % 
   Wood % Plastics % 
   Other (specify) % 

8. Operating temperatures and residence time (if appropriate):
   Primary Chamber degrees Fahrenheit seconds 
   Secondary Chamber degrees Fahrenheit seconds 
   Afterburner degrees Fahrenheit seconds 

9. Has a stack test been conducted (check appropriate box)? Yes No 

   If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

   Date of most recent stack test: 

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**Stack Information:** If this application is a renewal, contact the air program. We may have this information.

- X- Coordinate or Easting: ____________ feet ____________ meters
- Y- Coordinate or Northing: ____________ feet ____________ meters
- Base Elevation of Stack: ____________ feet ____________ meters
- Stack Height: ____________ feet ____________ meters
- Exit Stack Diameter: ____________ feet ____________ meters
- Exit Stack Temperature: ____________ degrees Fahrenheit

**Exit Stack Velocity and/or Flow Rate:**
- Velocity: ____________ feet per second ____________ meters per second
  and/or
- Flow Rate: ____________ actual cubic feet per minute ____________ actual cubic meters per second

**Control Equipment:** If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.