

INCINERATOR APPLICATION

**FORM E012
7/2001**

1. Name of Company: _____
(As shown on Line 1, Form E001)

2. Equipment Name: _____
(As shown on Line 10, Form E001)

3. Equipment Data:

A. Manufacturer:	_____	D. Date of Manufacture:	_____
B. Model Number:	_____	E. Date of Installation:	_____
C. Rate Capacity:	_____ Lbs/hr.		

4. Equipment Design:

A. Number of Chambers:	_____		
B. Primary Chamber Burner Rating:	_____ BTU/hr	Type of Fuel:	_____
C. Secondary Chamber Burner Rating:	_____ BTU/hr	Type of Fuel:	_____
D. Tertiary Chamber Burner Rating:	_____ BTU/hr	Type of Fuel:	_____

5. Emissions Data:

A. <input type="checkbox"/> Emissions Uncontrolled	D. <input type="checkbox"/> Electrostatic Precipitator (File Form E104)
B. <input type="checkbox"/> Baghouse (File Form E102)	E. <input type="checkbox"/> Inertial Separator (File Form E105)
C. <input type="checkbox"/> Wet Collecting Device (File Form E103)	F. <input type="checkbox"/> Other (Specify): _____

G. Actual Emissions:

Air Contaminant	Actual Emission Rate	
Particulate Matter	_____ Lbs/hr.	<input type="checkbox"/> Emissions determined by stack test (submit report)
NO ₂	_____ Lbs/hr.	
SO ₂	_____ Lbs/hr.	<input type="checkbox"/> Emissions Estimated (File Form E106)
CO	_____ Lbs/hr.	
VOC	_____ Lbs/hr.	
Other: _____	_____ Lbs/hr.	
	_____ Lbs/hr.	
	_____ Lbs/hr.	

6. Incinerator Operation:

A. Average amount of waste burned:	_____ Lbs/day
B. Type of waste normally burned:	_____ (See Table Below)

Type	Principal Components, Usual Source, and Moisture Content
0	Highly combustible waste, paper, wood, cardboard cartons, including up to 10% treated papers, plastic or rubber scraps. This type of waste may have up to 10% moisture and 5% incombustible solids and have a heating value of 2500 BTU/hr as fired.
1	Combustible waste, paper, cartons, rags, wood scraps, combustible floor sweepings, and foliage. The mixture may contain up to 20% by weight of restaurant or cafeteria waste, but contains less than 1% treated papers, plastic, or rubber wastes. This type of waste may have up to 25% moisture and 10% incombustible solids and has a heating value of 6500 BTU/hr as fired.
2	Refuse consisting of an approximately even mixture of rubbish and garbage by weight. This type of waste is common to apartment and residential occupancy, consisting of up to 50% moisture and 7% incombustible solids and has a heating value of 4300 BTU/hr as fired.
3	Garbage consisting of animal and vegetable wastes from restaurants, cafeterias, hotels, hospitals, markets, and similar installations. This type of waste may contain up to 70% moisture and up to 5% incombustible solids and has a heating value of 2500 BTU/hr as fired.
4	Infectious waste; as defined by the Chattanooga Air Pollution Control Ordinance, Section 4-41, Rule 20.4.
5	By-product waste, gaseous, liquid or semi-liquid, such as tar, paints, solvents, sludge, fumes, etc. from industrial operations. Fill in the following: Heating value: _____ BTU/hr; % Incombustibles _____; % Moisture _____.
6	Solid by-product waste, such as rubber, plastics, wood waste, etc. from industrial operations. Fill in the follow: Heating value: _____ BTU/hr; % Incombustibles _____; % Moisture _____.

7. Emission Point Data:

A. Stack height above ground: _____ Ft

B. Ground elevation above sea level at stack base: _____ Ft

C. Stack Diameter: _____ Ft

D. Volume of gas discharged into atmosphere: _____ Cfm

E. Gas exit temperature: _____ °F

8. Equipment Operation:

Average Operating Time: Daily: _____ Hours

 Weekly: _____ Days

 Yearly: _____ weeks

*This is to certify that I am familiar with the operations concerning this equipment and that the information provided on this application is true and complete to the best of my knowledge. **This form must be completely filled out before it will be acceptable.***

Mail to:
 CHATTANOOGA-HAMILTON COUNTY
 AIR POLLUTION CONTROL BUREAU
 2034 Hamilton Place Blvd. Suite 300
 Chattanooga, TN 37421

Company Official: _____

Title: _____

Date: _____

DO NOT WRITE BELOW THIS LINE

_____ Engineer Approval This form corresponds to permit number: _____

Special Notations: _____
