

FUEL BURNING EQUIPMENT APPLICATION
A separate form must be filed for each stack or emission point.

FORM E011
01/2001

1. Name of Company: *As shown on Line 1 of Form E001*
2. Equipment Name: *As shown on Line 9 of Form E001*
3. Stack Designation: *If there is more than one stack at this location, provide a written or numeric designation to identify each stack.*

4. Control Equipment Data:

- | | |
|---|--|
| <input type="checkbox"/> Emissions Uncontrolled | <input type="checkbox"/> Electrostatic Precipitator (File Form E104) |
| <input type="checkbox"/> Baghouse (File Form E102) | <input type="checkbox"/> Inertial Separators (File Form E105) |
| <input type="checkbox"/> Wet Collecting Device (File Form E103) | <input type="checkbox"/> Other (Specify): |

5. Control Equipment Efficiency:
Enter the control equipment efficiency for each pollutant emitted by this equipment as determined on the appropriate Form E102, E103, E104, E105, E107, or enter zeros if "A" is checked in Item 4.

Pollutant	% Efficiency
Particulates	
PM ₁₀	
SO _x	
NO _x	
CO	
VOC	
Other:	

6. Emissions Estimation:

File Form E110 for each fuel used

	<i>Fuel No.1</i>	<i>Fuel No.2</i>	<i>Fuel No.3</i>
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Particulate Matter (Form E110, Item 6)	Uncontrolled	Lbs/hr	Lbs/hr	Lbs/hr
	Actual ¹	Lbs/hr	Lbs/hr	Lbs/hr
SO _x (Form E110, Item 7)	Estimated ²	Lbs/hr	Lbs/hr	Lbs/hr
	Uncontrolled	Lbs/hr	Lbs/hr	Lbs/hr
PM ₁₀	Actual ¹	Lbs/hr	Lbs/hr	Lbs/hr
	Estimated ²	Lbs/hr	Lbs/hr	Lbs/hr
NO _x (Form E110, Item 9E)	Uncontrolled	ppm	ppm	ppm
	Actual ¹	ppm	ppm	ppm
	Estimated ²	ppm	ppm	ppm
Other Air Contaminants (Specify)	Uncontrolled	Lbs/hr	Lbs/hr	Lbs/hr
	Actual ¹	Lbs/hr	Lbs/hr	Lbs/hr
	Estimated ²	Lbs/hr	Lbs/hr	Lbs/hr

- Submit stack test report with full details.*
- Estimate the emissions using the formula below*

$$\text{Estimated Emissions (lbs/hr, ppm)} = \frac{100\% - \text{Control Efficiency (\%)}}{100\%} \times \text{Uncontrolled Emissions}$$

Company Name: _____

Equipment Name: _____

7. Equipment Data:

Manufacturer of Equipment: _____

Date of Manufacture: _____

Date of Installation: _____

Boiler No.	Fuel Type	Rated Capacity 10 ⁶ BTU/hr. Input	Type of Firing	Fuel Consumption			Percent Content		Heating Content of Fuel	(%) Excess Air
				Ave.	Max.	Annual	Sulfur	Ash		
	Primary: Normal Operating Fuel(s)									
	Standby: Fuel(s) used in emergency only									
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	Standby: Fuel(s) used in emergency only									

- a. If more than one boiler per stack, list a separate code number to represent each individual boiler,
- b. List all fuels used.
- c. Give rated or maximum input capacity, whichever is greater.
- d. Specify the type of firing for each fuel used.
- e. Indicate consumption of each fuel used in tons/hr, gal/hr, or ft³/hr.
- f. Indicate annual consumption of each fuel used in tons/yr, gal/yr, or ft³/yr.
- g. The average sulfur and ash content of each fuel must be included – This information may be obtained from the fuel supplier.
- h. Indicate the heating content of each fuel in BTU/ton, BTU/gal, or BTU/ft³ – This information may be obtained from the fuel supplier.

	Space Heating	Process Heating	Other (Describe)
Percent (%) of Load Used			

