POLLUTION ESTIMATION FORM

(Fuel Burning Equipment)

Name of Company:							
Name of Company:(As shown on Line 1 of Form E001)							
Equipment Name:							
(As shown on Line 10 of Form E001)							
	ccent excess air used in fuel burning (make allowances for leaks around doors and other openings):						
Type of Fuel (file Form E110 for each fuel used):							
Source of Emission Factors:							
Uncontrolled Particulate Emission Rate:							
Particulate Emission Factor:							
(lbs/ton; lbs/10	0 ³ gal; lbs/10 ⁶ ft ³)	_					
X	=	Uncontrolled Particulate Emission	Lbs/hr				
(tons/hr; gal/hr; $ft^{3/hr}$) Fa	actor	Rate					
Uncontrolled Sulfur Oxide (SO _x) Emission							
Rate:							
SO _x Emission Factor:							
SO _x Emission Factor: Lbs/ton; lbs/10 ³ gal; lbs/10 ⁶ ft ³							
Maximum Fuel Consumption Rate SO _x Emis	=	Uncontrolled SO _x Emission Rate	Lbs/hr				
Maximum Fuel Consumption Rate SO _x Emis (tons/hr; gal/hr; ft ³ /hr)	ssion Factor	Uncontrolled SO _x Emission Rate					
Uncontrolled Hydrocarbon (HC) Emission Rate:							
HC Emission Factor:							
Lbs/ton; lbs/10 ³ gal;	lbs/10 ⁶ ft ³	_					
Х	_		Lbs/hr				
Maximum Fuel Consumption Rate (tons/hr; gal/hr; ft ³ /hr)	ssion Factor	Uncontrolled HC Emission Rate	200, m				
Uncontrolled Nitrogen Oxides (NO _x) Emission Rate:							
A. NO _x Emission Factor:							
A. NO _x Emission Factor:Lbs/ton; lbs/10 ³ gal	; lbs/10 ⁶ ft ³	_					
B. X	=		Lbs/hr				
Maximum Fuel Consumption Rate (tons/hr; gal/hr; ft ³ /hr)	=	Uncontrolled NO _x Emission Rate					

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0.	NO _x	Emission Rate in PPM by Volur	ne at STP:				
		Cubic feet per hour (CFH) of E	xhaust Gases	at 15% Excess A	ir:		
	A.	V X	n Fuel Consum 10 ⁶ BTU/hr	=	Exhaust Rate	_ CFH	
	B	Uncontrolled NO _x (Item 9B)	÷	FH of Exhaust Gas (It	= em 10A) =		_ Lb/ft ³ NO _x
	C.	$PPM = (8.37 \times 10^6) X$	Lb/ft ³ N	O _x (Item 10B)		STP and 15% Excess Air _x calculated as NO ₂)	_
		Table A					
		Fuel	V				
		Bituminous Coal	11700				
		Fuel Oil	11400				
		Natural Gas	11200				
		Wood	12800				

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. <u>This form must be completely filled out before it will be acceptable.</u>

Mail to:
CHATTANOOGA-HAMILTON COUNTY
AIR PULLUTION 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: