AFTERBURNER APPLICATION (THERMAL AND CATALYTIC)

FORM E109 07/2001

1.	Nar	Name of Company:									
2	NIor		(As shown on Line	(As shown on Line 1, Form E001)							
2. Name of Equipment: (As shown on Line 10, Form E001)											
3.	Equ	uipment Data:	,			,					
		Name of Manufact	urer:					Model N	umber:		
		Date of Manufactu	re:		Dat	e of Installa	tion:				
4.	Em	issions Data:									
	A.	Air Contaminant	<u></u>								
	В.	Inlet Gas Propertie Temperature: Pressure	s: <u>Ma</u>	aximum	Minimu	ım Av	erage	°F In. H ₂ O			
		Moisture:						%			
		Gas Volume:						Ft ³			
		Gas Velocity	in Duct:					Ft/min.			
	C.	C. This data was determined by: Source Test (Submit report) Other (Specify): Estimation (File Form E106)							ation (File Form E106)		
5.	Afterburner Data:										
	A. Thermal Afterburner										
		a. Check All Th ☐Multi		☐Gas-fin☐Mixing		☐Oil-Fire	ed Specify):		e-Mixing Premixing		
		Retentio	g Temperature:	Max	kimum	Minimum	Ave	erage	°F Sec °F		
	c. Heat Recovery Unit: Yes No If yes, what type?										
	В.	Catalytic Afterb	urner								
		a. Describe Cata	alyst and Substra	ıte:							
		b. Estimated Car	talyst Life:		Hrs						

6.	Afterburner Efficiency:									
	A. Stated by Manufacturer:	%								
	B. Estimated (Attach Calc.):	<u></u>								
	C. Actual (Source Test-attach report):	%								
7.	Instrumentation Data:									
, .										
	Describe temperature sensory devices and their operating parameters: ———									
0										
8.	Auxiliary Fuel Data:									
	A. Type of Auxiliary Fuel:									
	B. Auxiliary Fuel Usage: Maxim	um Minimum Average Ft³/hr or gal/hr								
9.	Submit drawings of all equipment with each application.									
	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:	Company Official:								
	CHATTANOOGA-HAMILTON COUNTY AIR POLLUTION CONTROL BUREAU	Title:								
	2034 Hamilton Place Blvd. Suite 300 Chattanooga, TN 37421	Date:								
	DO N	I OT WRITE BELOW THIS LINE								
	Engineer Approval This fo	rm corresponds to Permit Number:								
Spe	cial Notations:	_								
										