## Attachment L Emission Unit Data Sheet

(INDIRECT HEAT EXCHANGER)

Control Device ID No. (must match List Form):

## **Equipment Information**

1.	Manufacturer:	2.	Model No. Serial No.					
3.	Number of units:	4.	Use					
5.	Rated Boiler Horsepower: hp	6.	Boiler Serial No.:					
7.	Date constructed:	8.	Date of last modification and explain:					
9.	Maximum design heat input per unit:	10.	Peak heat input per unit:					
	×10 <sup>6</sup> BTU/hr		×10 <sup>6</sup> BTU/hı	r				
11.	Steam produced at maximum design output:	12.	Projected Operating Schedule:					
	LB/hr		Hours/Day					
	E5/111		Days/Week					
	psig		Weeks/Vear					
13.	Type of firing equipment to be used:  Pulverized coal Spreader stoker Oil burners Natural Gas Burner Others, specify	14.	Proposed type of burners and orientation:  Vertical Front Wall Opposed Tangential Others, specify					
15.	Type of draft:  Forced Induced	16.	Percent of ash retained in furnace:	%				
17.	Will flyash be reinjected? ☐ Yes ☐ No	18.	Percent of carbon in flyash:	%				
	Stack or Vent Data							
19.	Inside diameter or dimensions: ft.	20.	Gas exit temperature:	°F				
21.	Height: ft.	22.	Stack serves:  This equipment only					
23.	Gas flow rate: ft <sup>3</sup> /min		Other equipment also (submit type and ratinall other equipment exhausted through					
24.	Estimated percent of moisture:	stack or vent)						

## **Fuel Requirements**

25.	Туре	Fuel Oil No.	Natural Gas	Gas (other, specify)	Coal, Type:	Other:	
	Quantity (at Design Output)	gph@60°F	ft <sup>3</sup> /hr	ft <sup>3</sup> /hr	TPH		
	Annually	×10³ gal	×10 <sup>6</sup> ft <sup>3</sup> /hr	×10 <sup>6</sup> ft <sup>3</sup> /hr	tons		
	Sulfur	Maximum: wt. % Average: wt. %	gr/100 ft <sup>3</sup>	gr/100 ft <sup>3</sup>	Maximum: wt. %		
	Ash (%)				Maximum		
	BTU Content	BTU/Gal. Lbs/Gal.@60°F	BTU/ft <sup>3</sup>	BTU/ft <sup>3</sup>	BTU/lb		
	Source	250/ Gail. @ 60 1					
	Supplier						
	Halogens (Yes/No)						
	List and Identify Metals						
26.	. Gas burner mode of control:  Manual  Automatic hi-low  Automatic full modulation  Automatic on-off  27. Gas burner manufacture:  28. Oil burner manufacture:						
29.	If fuel oil is used, how is it atomized?						
	Fuel oil preheated: Yes No 31. If yes, indicate temperature: °F						
	32. Specify the calculated theoretical air requirements for combustion of the fuel or mixture of fuels described above actual cubic feet (ACF) per unit of fuel:						
33.	@ Emission rate at ra	°F, ated capacity:	PSIA, lb/hr	% IIIC	oisture		
	34. Percent excess air actually required for combustion of the fuel described:  %						
			Coal Chara				
35.	Seams:						
36.	Proximate analysis	` '	Fixed Carbon: Moisture: Ash:		% of Sulfur: % of Volatile Matter:		

## **Emissions Stream**

Pollutant	Pounds per Hour lb/hr	grain/ACF	@ °F	PSIA			
СО							
Hydrocarbons							
NO <sub>x</sub>							
Pb							
PM <sub>10</sub>							
SO <sub>2</sub>							
VOCs							
Other (specify)							
. What quantities of pollutants will be emitted from the boiler after controls?							
Pollutant	Pounds per Hour lb/hr	grain/ACF	@ °F	PSIA			
СО							
Hydrocarbons							
NO <sub>x</sub>							
Pb							
PM <sub>10</sub>							
SO <sub>2</sub>							
VOCs							
Other (specify)							
). How will waste materia	al from the process and con	trol equipment be dis	sposed of?				
	al from the process and con			Emission Unit.			

42.	Proposed Monitoring, Recordkeeping, Reporting, and Testing Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.
	<b>MONITORING PLAN:</b> Please list (1) describe the process parameters and how they were chosen (2) the ranges and how they were established for monitoring to demonstrate compliance with the operation of this process equipment operation or air pollution control device.
	<b>TESTING PLAN:</b> Please describe any proposed emissions testing for this process equipment or air pollution control device.
	<b>RECORDKEEPING:</b> Please describe the proposed recordkeeping that will accompany the monitoring.
	<b>REPORTING:</b> Please describe the proposed frequency of reporting of the recordkeeping.
43.	Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty.