## Attachment M Air Pollution Control Device Sheet

(OTHER COLLECTORS)

Control Device ID No. (must match Emission Units Table):

## **Equipment Information**

1.	Manufacturer: Model No.	Control Device Nam     Type:	ne:			
3.	Provide diagram(s) of unit describing capture system with duct arrangement and size of duct, air volume, capacity, horsepower of movers. If applicable, state hood face velocity and hood collection efficiency.					
4.	On a separate sheet(s) supply all data and calculation	On a separate sheet(s) supply all data and calculations used in selecting or designing this collection device.				
5.	Provide a scale diagram of the control device showin	Provide a scale diagram of the control device showing internal construction.				
6.	Submit a schematic and diagram with dimensions an	d flow rates.				
7.	Guaranteed minimum collection efficiency for each pollutant collected:					
8.	Attached efficiency curve and/or other efficiency information.					
9.	Design inlet volume: SCFM	10. Capacity:				
11.	Indicate the liquid flow rate and describe equipment p	provided to measure pres	sure drop and flow rate, if any.			
12.	Attach any additional data including auxiliary equipment and operation details to thoroughly evaluate the control equipment.					
13.	Description of method of handling the collected material(s) for reuse of disposal.					
Gas Stream Characteristics						
14.	Are halogenated organics present? Are particulates present? Are metals present?	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No				
15.	Inlet Emission stream parameters:	Maximum	Typical			
	Pressure (mmHg):					
	Heat Content (BTU/scf):					
	Oxygen Content (%):					
	Moisture Content (%):					
	Relative Humidity (%):					

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16. Type of pollutant(s) controlled: SO <sub>x</sub> Odor Other						
17. Inlet gas velocity:	7. Inlet gas velocity: ft/sec		18. Pollutant specific gravity:			
19. Gas flow into the col ACF @	9. Gas flow into the collector:  ACF @ °F and PSIA		20. Gas stream temperature: Inlet: Outlet:		°F °F	
21. Gas flow rate: Design Maximum: Average Expected:		ACFM ACFM	22. Particulate Grain Loading in grains/scf: Inlet: Outlet:			
23. Emission rate of each	. Emission rate of each pollutant (specify) into and out of collector:					ī
Pollutant	IN Pollutant		Emission			Control
	lb/hr	grains/acf	Capture Efficiency %	lb/hr	grains/acf	Efficiency %
А						
В						
С						
D						
E						
24. Dimensions of stack	: Heiç	ght	ft.	Diameter	1	ft.
25. Supply a curve showing proposed collection efficiency versus gas volume from 25 to 130 percent of design rating of collector.						
Particulate Distribution						

26. Complete the table:	Particle Size Distribution at Inlet to Collector	Fraction Efficiency of Collector
Particulate Size Range (microns)	Weight % for Size Range	Weight % for Size Range
0 – 2		
2 – 4		
4 – 6		
6 – 8		
8 – 10		
10 – 12		
12 – 16		
16 – 20		
20 – 30		
30 – 40		
40 – 50		
50 – 60		
60 – 70		
70 – 80		
80 – 90		
90 – 100		
>100		

27. Describe any air pollution control device inlet and outlet gas conditioning processes (e.g., gas cooling, gas reheating, gas humidification):						
28. Describe the collection material disposal system:						
29. Have you included	Other Collectores Control Device	ce in the Emissions Points Data Summary Sheet?				
30. 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.						
MONITORING:		RECORDKEEPING:				
REPORTING:		TESTING:				
MONITORING:	Please list and describe the process parameters and ranges that are proposed to be monitored in order to demonstrate compliance with the operation of this process equipment or air control device.					
RECORDKEEPING: REPORTING:	Please describe the proposed recordkeeping that will accompany the monitoring.  Please describe any proposed emissions testing for this process equipment on air					
TESTING:	pollution control device.  Please describe any proposed emissions testing for this process equipment on air pollution control device.					
31. Manufacturer's Guaranteed Control Efficiency for each air pollutant.						
32. Manufacturer's Guaranteed Control Efficiency for each air pollutant.						
33. Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty.						