Attachment M Air Pollution Control Device Sheet

(ABSORPTION SYSTEM)

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

Equipment Information

1.	Manufacturer: Model No.		2. Packed Towers Spray Tower Other, specify							
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.	Provide a scale diagram of the absorber showing internal construction. Please include packing type and size, spray configurations, baffle plates, and mist eliminators.									
5.	Name of Abatement Device:			6. Type of Air Contaminant Controlled:						
	Solvent Stream Characteristics									
7.	Solvent Used:			8. Slope of the Equilibrium Curve:						
9.	Solvent Flow Rate:			10. Schmidt Number for the HAP/Solvent System:						
11.	Properties: Density:		lb/ft ³	٧	iscosity:	centipoise				
12.	. Type of Packing and Size Used:			13. Packing	Constants:	a =				
14.	. Column Diameter: ft				b =	Y =				
15					c = d =	s = g =				
	Tower Height (Packed): ft					9 –				
16. Pressure Drop: inches H ₂ O						T				
17.	Pollutant	Inlet	C	Outlet	Removal Efficiency (%)	Concentration (ppmv)				

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40	Flow Rate:		40 Taranarahana			
18.	Minimum Expected:	ft ³ /min	19. Temperature: Inlet:	°F		
-	Design Maximum:	ft ³ /min	Outlet:	°F		
20.	Pressure:	m a i a	21. Molecular Weight of Emission Stream:			
	Inlet:	psig		lb/lb-mole		
	Outlet:	psig				
22.	Density of the Emission Stream:		23. Schmidt Number for the HAP/Emission	Stream:		
		lb/ft ³				
	Describe any air pollution control deverage reheating, gas humidification): Describe the collection material disposed in the collection m		outlet gas conditioning processes (e.g., gas	s cooling gas		
26.	26. Have you included the <i>Absorption Control Device</i> in the Emissions Points Data Summary Sheet?					

Please propose m proposed operatin	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 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 of pollution control device. Please describe any proposed emissions testing for this process equipment of pollution control device.						
28. Manufacturer's Guaranteed Capture Efficiency for each air pollutant.						
29. Manufacturer's Guaranteed Control Efficiency for each air pollutant.						
30. Describe all operat	ing ranges and maintenance proce	edures required by Manufacturer to maintain warranty.				