1	Facility Name							
2	Equipment Name and identification number							
3	Stack ID or flow diagram point identifications	k ID or flow diagram at identifications						
4	Name of Manufacturer							
5	Model Number							
6	Cost of Equipment				<u> </u>			
7	Date of Manufacture							
8	Date of Installation							
9	LIST OF CON Air Contaminant	JTAMINA	NTS TO BE REMOVE	ED AND CORRESPONDING CONCENTRATIONS Concentration (PPM at standard conditions)				
10	The carrier gas is The concentration of vapors is Condition of gas stream	Air Other (specify) Above upper explosive limit Within lower and upper explosive limits Below lower explosive limit Not Flammable Temperature (°F): Pressure (in. Hg): Moisture Content (%): Second Secon						
	The gas volume to be treated is		CEM at STP					
	The duct size is		diameter					
	The gas velocity in the duct is		FPM at STP					
11	The above mentioned pertinent data was determined by		Stack test	Other calculations (submit copy)				
	The process to be served is		Continuous	Intermittent Cyclic				
	Give average operating time for		hours/day					
	process		days/week					
			weeks/year					
ADSORPTION SYSTEM DATA								
	This system is (mark all	Regene	erative	Single Pass Thin Bed				
	that apply)	Non-R	egenerative	Multi-pass I hick Bed				
	The type adsorbent is		led Carbon	Mesh Size:				
		specify:		Mesh Size.				
12		Mettali	cs	Mesh Size:				
	specify:							
			specify)					
	Note: If adsorbent is to be							
	chemically impregnated to							
	act as a catalyst, give							
	details:							
	Continued							

Major Source Operating Permit Application Control Equipment – Adsorbers

	GIVE DETAILS OF SYSTEM VARIABLES							
	A. Bed depth (in inches)							
	Bed Area (in ft^2)							
	B Packing Density (lbs/ft ³)							
	C Total charge per system (lbs)							
1	D. Temperature of adsorbent	°E (All adsorption reactions are exothermic Give maximum working						
13	D. Temperature of adsorbent	temperature)						
	E Prossure drop through had	inches water						
	E. Hessure drop through bed	inches Ha						
	E Consistu of adaptions (in weight	at working temperature and concentration of air contaminants. Submit						
	F. Capacity of adsorbent (III weight	at working temperature and concentration of an containmants. Sublint						
	C. Estimated life of a dearbant to	active weight of adsorbent to supporting data from manufacturer.						
	brook through							
	U Air flow rate through had on his feet/minute							
	H. All now rate through bed	cubic reet/initiate						
14	REGENERATIVE SYSTEMS							
	A. Number of adsorbers in system							
	B. Time required for regeneration							
	cycle							
	C. If steam is used to regenerate,							
	indicate steam to solvent ratio							
	D. Indicate capacity of working							
	charge (%)							
	E. List all equipment to be used for							
	recovery systems							
		GENERAL INFORMATION						
15	Drawings of all equipment should be su	ibmitted with each application.						
	Give control equipment efficiency for	Specify Pollutant	Efficiency (%)					
	each pollutant being control by this							
	equipment							
16								
10								
17	Pago Number	Povision Number	Data of Pavision					
1/	i age mullioti		Date of Revision					
	Chattanooga-Hamilton County Air Pollution Control Bureau							

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