

US EPA ARCHIVE DOCUMENT

	B	C
1	Source Description	
2		
3	Phase I ID No.	3013
4	EPA ID No.	OHD046202602
5	Facility Name	Aztec Peroxides (Catalyst Resources)
6	Facility Location	
7	City	Elyria
8	State	OH
9	Unit ID Name/No.	Liquid waste incinerator
10	Other Sister Facilities	
11	Number of Sister Facilities	0
12	Combustor Class	Onsite incinerator
13	Combustor Type	Liquid injection
14	Combustor Characteristics	Peabody liquid waste incinerator
15	Capacity (MMBtu/hr)	2.5
16	Soot Blowing	
17	APCS Detailed Acronym	None
18	APCS General Class	
19	APCS Characteristics	
20	Hazardous Wastes	Liq
21	Haz Waste Description	Skim tank material
22	Supplemental Fuel	
23		
24	Stack Characteristics	
25	Diameter (ft)	1.7
26	Height (ft)	20.9
27	Gas Velocity (ft/sec)	
28	Gas Temperature (°F)	
29		
30	Permitting Status	
31	HWC Burn Status (Date if Terminated)	

	B	C
1	Condition Description	
2		
3	3013C1	
4		
5	Report Name/Date	Compliance Evaluation, Liquid Waste Incinerator, Catalyst Resources, Inc., Elyria, Ohio, Jan 18, 1984
6	Report Prepare	PEDCo Environmental, Inc.
7	Testing Firm	PEDCo Environmental, Inc.
8	Testing Dates	November 22-23, 1983
9	Cond Dates	Nov-83
10	Condition Descr	Compliance evaluation with skim tank material
11	Content	PM, CO

	B	C	D	E	F	G	H	I	J	K	L	M
1	Stack Gas Emissions 1											
2												
3		Commer	Units	7%	O2							
4												
5	3013C1	Compliance evaluation				R1		R2		R3		Cond Avg
6												
7	PM		gr/dscf	n		0.0031		0.0085		0.0046		
8	CO (RA)		ppmv	n		0.7		2.1		1.4		
9												
10	Sampling Train	PM	E1									
11	Stack Gas Flowrate		dscfm			1247.0		1276.0		1208.0		1243.7
12	O2		%			12.7		13		12.5		12.7
13	Moisture		%			5.6		5.1		5.4		5.4
14	Temperature		°F			1506		1486		1479		1490.3
15												
16	PM	E1	gr/dscf	y		0.0052		0.0149		0.0076		0.0092
17	CO (RA)	E1	ppmv	y		1.2		3.7		2.3		2.4

	B	C	D	E	F
1	Feedstream 1				
2					
3					
4	3013C1	Compliance evaluation	Cond Avg		
5					
6	Feedstream Number			F1	
7	Feed Class			Liq HW	
8	Feedstream Description			Liq waste	
9	Feed Rate		lb/hr		152
10					
11					
12	Stack Gas Flowrate		dscfm		
13	Oxygen		%		
14					
15	Thermal Feedrate		MMBtu/hr		
16	Estimated Firing Rate		MMBtu/hr		

	B	C	D	E	F	G
1	Process Information					
2						
3	3013C1	Compliance evalu	Run 1	Run 2	Run 3	
4						
5	Exit Temperature	F	1482	1474	1490	