

US EPA ARCHIVE DOCUMENT

	B	C
1	Source	
2		
3	Phase I ID No.	701
4	EPA ID No.	IND072040348
5	Facility Name	ELI LILLY AND COMPANY
6	Facility Location	
7	City	CLINTON
8	State	IN
9	Unit ID Name/No.	BARTLETT SNOW INCIN., C-10 Stack
10	Other Sister Facilities	
11	Number of Sister Facilities	1
12	Combustor Class	ONSITE INCINERATOR
13	Combustor Type	Rotary kiln
14	Combustor Characteristics	
15	Capacity (MMBtu/hr)	
16	Soot Blowing	
17	APCS Detailed Acronym	VS/PT
18	APCS General Class	HEWS, LEWS
19	APCS Characteristics	
20	Hazardous Wastes	HW SLD/LIQ
21	Haz Waste Description	
22	Supplemental Fuel	
23		
24	Stack Characteristics	
25	Diameter (ft)	
26	Height (ft)	
27	Gas Velocity (ft/sec)	
28	Gas Temperature (°F)	
29		
30	Permitting Status	
31	HWC Burn Status (Date if Terminated)	

	B	C
1	Condition Descr	
2		
3	701C1	
4		
5	Report Name/Date	Stationary Source Sampling Report, Reference No. 6181, Eli Lilly and Company, Clinton, Indiana, C-10 Incinerator Stack, February 21-24, 1989
6	Report Prepar	Entropy
7	Testing Firm	Entropy
8	Testing Dates	2/24/89
9	Cond Dates	02/21/89
10	Cond Description	Trial burn
11	Content	PM, HCl, DRE
12		
13	701C2	
14		
15	Report Name/Date	Stationary Source Sampling Report, Reference No. 6181, Eli Lilly and Company, Clinton, Indiana, C-10 Incinerator Stack, February 21-24, 1989
16	Report Prepar	Entropy
17	Testing Firm	Entropy
18	Testing Dates	2/22/89
19	Cond Dates	02/21/89
20	Cond Description	Trial burn
21	Content	PM, HCl, DRE
22		
23	701C3	
24		
25	Report Name/Date	Stationary Source Sampling Report, Reference No. 6181, Eli Lilly and Company, Clinton, Indiana, C-10 Incinerator Stack, February 21-24, 1989
26	Report Prepar	Entropy
27	Testing Firm	Entropy
28	Testing Dates	2/21/89
29	Cond Dates	02/21/89
30	Cond Description	Trial burn
31	Content	PM, HCl, HC

	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Stack Gas Emissions												
2													
3	701C1					R1	R2	R3	Cond Avg				
4													
5	PM	E1	gr/dscf	y		0.0384	0.0283	0.0289	0.0319				
6	HCl	E1	ppmv	y		26.1	24.7	24.2	25.0				
7	Total Chlorine	E1	ppmv	y		26.1	24.7	24.2	25.0				
8													
9	Carbon Tetrachloride		DRE	%		199.9998	99.9999	99.9999					
10	Chlorobenzene		DRE	%		99.9999	99.9922	99.9997					
11	Diochloromethane		DRE	%		99.9984	99.9996	99.9997					
12													
13	Sampling Train	Haloge E1											
14	Moisture		%			2.9	2.5	2.8					
15	Oxygen		%			10.1	10.1	10.6					
16	Stack gas flowrate		dscfm			7750.0	7778.0	8017.0					
17	Temperature		F			75.0	75.0	76.0					
18													
19	701C2					R1	R2	R3	Cond Avg				
20													
21	PM	E1	gr/dscf	y		0.0272	0.0243	0.0267	0.0261				
22	HCl	E1	ppmv	y		1.9	0.5	0.3	0.9				
23	Total Chlorine	E1	ppmv	y		1.9	0.5	0.3	0.9				
24													
25	Chlorobenzene		DRE	%		99.9999	99.9999	99.9999					
26	Toluene		DRE	%		99.9999	99.9999	99.9999					
27													
28	Sampling Train	Halogen											
29	Moisture		%			2.4	2.8	2.6					
30	Oxygen		%			9.9	10.4	10.0					
31	Stack gas flowrate		dscfm			10514.0	10310.0	10546.0					
32	Temperature		F			77.0	78.0	77.0					
33													
34	701C3					R1	R2	R3	Cond Avg				
35													
36	PM	E1	gr/dscf	y		0.0784	0.0601	0.0698	0.0694				
37	HC (RA)	E1	ppmv	y		1.269065	2.417266	1.148201	1.6				
38	HCl	E1	ppmv	y		5.4	7.3	7.1	6.6				
39	Total Chlorine	E1	ppmv	y		5.4	7.3	7.1	6.6				
40													
41	Sampling Train	Haloge E1											
42	Moisture		%			2.8	1.9	2.7					
43	Oxygen		%			11.4	11.2	12.6					
44	Stack gas flowrate		dscfm			8268.0	8113.0	8423.0					
45	Temperature		F			74.0	75.0	74.0					

	B	C	D	E	F	G	H	I	J	K	L
1	Feedstreams										
2											
3											
4	701C1				R1		R2		R3		Cond Avg
5											
6	Feedstream				Total		Total		Total		Total
7	Feed Class 2				Total		Total		Total		Total
8	Chlorine	lb/hr			679		679		703		
9											
10	Stack Gas Flowrate				7750		7778		8017		
11	Oxygen				10.1		10.1		10.6		
12											
13	Chlorine	ug/dscm			30087616		29979304		31561403		30542774
14											
15	701C2				R1		R2		R3		Cond Avg
16											
17	Feedstream				Total		Total		Total		Total
18	Feed Class 2				Total		Total		Total		Total
19	Chlorine	lb/hr			43.1		41.4		41.4		
20											
21	Stack Gas Flowrate				10514		10310		10546		
22	Oxygen				9.9		10.4		10		
23											
24	Chlorine	ug/dscm			1382396		1418019		1335876		1378764
25											
26	701C3				R1		R2		R3		Cond Avg
27											
28	Feedstream				Total		Total		Total		Total
29	Feed Class 2				Total		Total		Total		Total
30	Chlorine	lb/hr			43.1		41.4		41.4		
31											
32	Stack Gas Flowrate				8268		8113		8423		
33	Oxygen				11.4		11.2		12.6		
34											
35	Chlorine	ug/dscm			2032599		1949122		2190284		2057335