

US EPA ARCHIVE DOCUMENT

	B	C
1	<b>Source Description</b>	
2		
3	Phase II ID No.	1015
4	EPA ID No.	TXD093565653
5	Facility Name	Georgia Gulf Corporation
6	Facility Location	
7	City	Pasadena
8	State	TX
9	Unit ID Name/No.	Hot Oil Heater No. 1
10	Other Sister Facilities	None
11	Number of Sister Facilities	0
12	Combustor Class	Liquid-fired boiler
13	Combustor Type	Liquid injection, process heater (hot oil heater)
14	Combustor Characteristics	Boiler -- Hot oil heater
15	Capacity (MMBtu/hr)	250
16	Soot Blowing	
17	APCS Detailed Acronym	None
18	APCS General Class	
19	APCS Characteristics	
20	Hazardous Wastes	?
21	Haz Waste Description	?
22	Supplemental Fuel	Natural gas
23		
24	Stack Characteristics	
25	Diameter (ft)	
26	Height (ft)	
27	Gas Velocity (ft/sec)	
28	Gas Temperature (°F)	
29		
30	Permitting Status	Tier I metals, chlorine
31	HWC Burn Status (Date if Terminated)	

	B	C
1	<b>Cond Description</b>	
2		
3	<b>1015C10</b>	
4		
5	Report Name/Date	Periodic Recertification of Compliance Hot Oil Heater No. 1 Down Draft Duct (EPN-12) Georgia Gulf Corporation, July 1998
6	Report Prepare	?
7	Testing Firm	METCO Environmental
8	Testing Dates	May 12, 1998
9	Cond Dates	May-98
10	Condition Descr	CoC; ?
11	Content	PM, CO; feedstream analysis metals, ash, chlorine
12		
13	<b>1015C11</b>	
14		
15	Report Name/Date	Periodic Recertification of Compliance Hot Oil Heater No. 1 Down Draft Duct (EPN-12) Georgia Gulf Corporation, July 1998
16	Report Prepare	?
17	Testing Firm	METCO Environmental
18	Testing Dates	May 13, 1998
19	Cond Dates	May-98
20	Condition Descr	No waste burned baseline test condition
21	Content	PM, CO

	B	C	D	E	F	G	H	I	J	K	L	M
1	<b>Stack Gas Emissions</b>											
2												
3		Comments	Units	7% O2								
4												
5	<b>1015C10</b>					R1	R2	R3		Cond Avg		
6												
7	PM (total)	E1	gr/dscf	y		0.0054	0.0049	0.005		0.0051		
8	PM	E1	gr/dscf	y		0.0047	0.0042	0.0042		0.0044		
9	CO (RA)	E1	ppmv	y		5.58	5	1.8		4.1		
10	CO (MHRA)	E1	ppmv	y		0.0	0.0	0.0		0.0		
11												
12	CO (MHRA)	appears wrong; but this is what is reported in Table 2-2?										
13												
14	Sampling Train	PM	E1									
15	Stack Gas Flowrate		dscfm			44015	44604	44122		44247		
16	O2		%			4.5	4.2	4.8		4.5		
17	Moisture		%			14.33	14.52	14.46		14.4		
18	Temperature		°F			776	782	783		780.3		
19												
20	<b>1015C11</b>					R1	R2	R3		Cond Avg		
21												
22	PM (total)	E1	gr/dscf	y		0.0016	0.0017	0.0022		0.0018		
23	PM	E1	gr/dscf	y		0.0004	0.0009	0.0016		0.0010		
24	CO (RA)	E1	ppmv	y		1.9	1.9	5		2.9		
25	CO (MHRA)	E1	ppmv	y		0	0	16		5.3		
26												
27	Sampling Train	PM	E1									
28	Stack Gas Flowrate		dscfm			41761	41665	42154		41860		
29	O2		%			2.2	2.4	2.5		2.4		
30	Moisture		%			18.96	18.43	19.14		18.8		
31	Temperature		°F			795	797	797		796		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Feedstreams																					
2																						
3																						
4	1015C10																					
5	Feedstream Number																					
6	Feed Class																					
7	Feed Class 2																					
8	Feedstream Description																					
9	Feed Rate																					
10	gpm																					
11	cSt																					
12	Density																					
13	Wt %																					
14	Ash																					
15	Chlorine																					
16	Antimony																					
17	Arsenic																					
18	Barium																					
19	Beryllium																					
20	Bismuth																					
21	Cadmium																					
22	Chromium																					
23	Lead																					
24	Mercury																					
25	Silver																					
26	Stack Gas Flowrate																					
27	dscfm																					
28	Oxygen																					
29	Thermal Feedrate																					
30	Estimated Firing Rate																					
31	Feedrate MTEC Calculations																					
32	Ash																					
33	Chlorine																					
34	Antimony																					
35	Arsenic																					
36	Barium																					
37	Beryllium																					
38	Cadmium																					
39	Chromium																					
40	Lead																					
41	Mercury																					
42	Silver																					
43																						
44	SVM																					
45	LVM																					

	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
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	A	B	C	D	E
1	<b>Process Information</b>				
2					
3	<b>1015C10</b>		R1	R2	R3
4					
5	Comb Chamber Temp	°C	768	766	764