

	B	C
1	<b>Source Description</b>	
2		
3	Phase II ID No.	1005
4	EPA ID No.	TXD008076846
5	Facility Name	Huntsman Corp. (formerly Texaco)
6	Facility Location	
7	City	Port Neches
8	State	TX
9	Unit ID Name/No.	Boiler # 1 (6-BB-1) At C4 Facility
10	Other Sister Facilities	Boiler # 2 (6-BB-2)
11	Number of Sister Facilities	1
12	Combustor Class	Liquid-fired boiler
13	Combustor Type	Liquid injection
14	Combustor Characteristics	Steam Boilers - Babcock & Wilcox units, built in 1943; Rated @ 594 MMBtu/hr with 495,000 lb/hr steam @ 500 psig and 563 F
15	Capacity (MMBtu/hr)	549
16	Soot Blowing	Yes
17	APCS Detailed Acronym	None
18	APCS General Class	None
19	APCS Characteristics	None
20	Hazardous Wastes	Liq
21	Haz Waste Description	"Polyblend"
22	Supplemental Fuel	Process gas, oil
23		Sponge oil
24	Stack Characteristics	
25	Diameter (ft)	12.8
26	Height (ft)	85.0
27	Gas Velocity (ft/sec)	32
28	Gas Temperature (°F)	265
29		
30	Permitting Status	
31	HWC Burn Status (Date if Terminated)	

	B	C
1	<b>Cond Description</b>	
2		
3	<b>1005C1</b>	
4		
5	Report Name/Date	Test Report on Re-Certification of Compliance of Boiler No. 1 & Annual Performance Test on 2 CEMS installed on Blrs 1 & 2; 10/95
6	Report Preparer	Cubix Corp.
7	Testing Firm	Cubix Corp.
8	Testing Dates	October 4, 1995
9	Cond Dates	Oct-95
10	Cond Description	CoC; max feedrates
11	Content	PM, HCl/Cl2, CO emissions; metals, ash, chlorides in feeds
12		
13	<b>1005C2</b>	
14		
15	Report Name/Date	Test Report on Re-Certification of Compliance of Boiler No. 1 & Annual Performance Test on 2 CEMS installed on Blrs 1 & 2; 10/95
16	Report Preparer	Cubix Corp.
17	Testing Firm	Cubix Corp.
18	Testing Dates	October 5, 1995
19	Cond Dates	Oct-95
20	Cond Description	CoC; min combustion temperature
21	Content	CO emissions

	B	C	D	E	F	G	H	I	J	K	L	M
1	<b>Stack Gas Emissions</b>											
2												
3	Cond ID	Comments	Units	7% O2								
4												
5										soot blow		
6	<b>1005C1</b>					R1	R2	R3				Cond Avg
7												
8	Sampling Train	(PM)	E1									
9	Stack Gas Flowrate		dscfm			150000	138700	143200				143967
10	O2		%			11.31	11.27	11.25				11.28
11	Moisture		%			9.46	10.06	11.25				10.26
12	Temperature		°F			260	263	269				264
13												
14	PM (total)	E1	gr/dscf	y		0.0141	0.0131	0.015				0.0141
15	PM	E1	gr/dscf	y		0.0075	0.0067	0.0062				0.0068
16	CO (RA)	E1	ppmv	y		1.6	0.7	0.7				1.0
17	HCl	E1	ppmv	y	nd	0.08	nd	0.03	nd	0.02	100	0.043
18	Cl2	E1	ppmv	y	nd	0.01	nd	0.01	nd	0.01	100	0.01
19	Total Chlorine	E1	ppmv	y	100	0.1	100	0.05	100	0.04	100	0.063
20												
21	<b>1005C2</b>					R1	R2	R3				Cond Avg
22												
23	CO (RA)	E1	ppmv	y		0.6	0.6	0.4				0.7

	B	C	D	E	F	G	H	I	J
1	<b>Feedstreams</b>								
2									
3									
4	<b>1005C1</b>								
5			Units		Cond Avg	Cond Avg	Cond Avg	Cond Avg	Cond Avg
6	Feedstream Number				F1	F2	F3	F3	
7	Feed Class				Liq HW	Misc Fuel	Misc Fuel	Misc Fuel	
8	Feedstream Description				Polyblend flow	Fuel gas flow	Fuel gas flow	Sponge oil flow	
9	Feed Rate		BPD		328				
10	Feed Rate		mcfh			382			8.3
11									
12	<b>1005C2</b>								
13									
14	Feedstream Number				F1	F2	F3	F3	
15	Feed Class				Liq HW	Misc Fuel	Misc Fuel	Misc Fuel	
16	Feedstream Description				Polyblend flow	Fuel gas flow	Fuel gas flow	Sponge oil flow	
17	Feed Rate		BPD		340				
18	Feed Rate		mcfh			340			9.4

	A	B	C	D	E	F
1	<b>Process Information</b>					
2						
3	Cond ID No.	Units	Run	Run	Run	Avg
4			1	2	3	
5						
6	<b>1005C1</b>					
7						
8	"Gas in Temperature"	°F	540	535	535	537
9	Steam Production Rate	Mlb/hr	240	240	240	240
10						
11	<b>1005C2</b>					
12						
13	"Gas in Temperature"	°F	518	515	521	518
14	Steam Production Rate	Mlb/hr	213	209	230	217