

US EPA ARCHIVE DOCUMENT

	B	C
1	<b>Source Description</b>	
2		
3	Phase I ID No.	323
4	EPA ID No.	KSD007148034
5	Facility Name	LAFARGE
6	Facility Location	
7	City	FREDONIA
8	State	KS
9	Unit ID Name/No.	Kiln No. 2
10	Other Sister Facilities	None
11	Number of Sister Facilities	0
12	Combustor Class	Cement Kiln (CK)
13	Combustor Type	Wet, long
14	Combustor Characteristics	
15	Capacity (MMBtu/hr)	
16	Soot Blowing	
17	APCS Detailed Acronym	ESP
18	APCS General Class	ESP
19	APCS Characteristics	78,000 ft2 plate area, 3 fields, SCA = 400
20	Hazardous Wastes	Liq, sludge
21	Haz Waste Description	
22	Supplemental Fuel	Coal, natural gas
23		COAL/COKE/NATURAL GAS
24		
25	Stack Characteristics	
26	Diameter (ft)	12.0
27	Height (ft)	250.0
28	Gas Velocity (ft/sec)	6.0
29	Gas Temperature (°F)	395.4
30		
31	Permitting Status	
32	HWC Burn Status (Date if Terminated)	

	B	C
1	<b>Condition Description</b>	
2		
3	<b>323C1</b>	
4		
5	Report Name/Date	Lafarge Corp Fredonia Plant Compliance Test, Certification Package, prepared by Radian, August 1992
6	Report Prepare	Radian
7	Testing Firm	Radian
	Cond Descr	CoC, MAX PROD,MAX HW FEED,MAX COMB TEMP,MAX ESP TEMP
8		
9	Testing Dates	May 21, 1992
10	Cond Dates	May-92
11		
12	<b>323C2</b>	
13		
	Report Name/Date	PCDD/PCDF Emission Testing Report - Fredonia Kansas Cement Plant, report from Gary Elliott (Lafarge) to Frank Behan (OSW), sent January 5, 1995; Fredonia PCDD/PCDF Report, Hans Schrama, dated November 1994
14		
15	Report Prepare	Lafarge
16	Testing Firm	
17	Cond Descr	?
18	Testing Dates	June 23, 1994
19	Cond Dates	Jun-94
20		
21	<b>323C3</b>	
22		
	Report Name/Date	PCDD/PCDF Emission Testing Report - Fredonia Kansas Cement Plant, report from Gary Elliott (Lafarge) to Frank Behan (OSW), sent January 5, 1995; Fredonia PCDD/PCDF Report, Hans Schrama, dated November 1994
23		
24	Report Prepare	Lafarge
25	Testing Firm	
26	Cond Descr	?
27	Testing Dates	June 24, 1994
28	Cond Dates	Jun-94
29		
30	<b>323C4</b>	
31		
	Report Name/Date	PCDD/PCDF Emission Testing Report - Fredonia Kansas Cement Plant, report from Gary Elliott (Lafarge) to Frank Behan (OSW), sent January 5, 1995; Fredonia PCDD/PCDF Report, Hans Schrama, dated November 1994
32		
33	Report Prepare	Lafarge
34	Testing Firm	
	Cond Descr	?
35		
36	Testing Dates	June 25, 1994
37	Cond Dates	Jun-94
38		
39	<b>323C5</b>	
40		
	Report Name/Date	PCDD/PCDF Emission Testing Report - Fredonia Kansas Cement Plant, report from Gary Elliott (Lafarge) to Frank Behan (OSW), sent January 5, 1995; Fredonia PCDD/PCDF Report, Hans Schrama, dated November 1994
41		
42	Report Prepare	Lafarge
43	Testing Firm	
	Cond Descr	?
44		
45	Testing Dates	June 26, 1994
46	Cond Dates	Jun-94
47		
48	<b>323C6</b>	
49		

	B	C
50	Report Name/Date	PCDD/PCDF Emission Testing Report - Fredonia Kansas Cement Plant, report from Gary Elliott (Lafarge) to Frank Behan (OSW), sent January 5, 1995; Fredonia PCDD/PCDF Report, Hans Schrama, dated November 1994
51	Report Prepare	Lafarge
52	Testing Firm	
	Cond Descr	LOW APCD TEMP
53		
54	Testing Dates	July 20, 1994
55	Cond Dates	Jul-94
56		
57	<b>323C7</b>	
58		
	Report Name/Date	PCDD/PCDF Emission Testing Report - Fredonia Kansas Cement Plant, report from Gary Elliott (Lafarge) to Frank Behan (OSW), sent January 5, 1995; Fredonia PCDD/PCDF Report, Hans Schrama, dated November 1994
59		
60	Report Prepare	Lafarge
61	Testing Firm	
	Cond Descr	HIGH APCD TEMP
62		
	Testing Dates	July 21-22, 1994
63		
64	Cond Dates	Jul-94
65		
66	<b>323C8</b>	
67		
	Report Name/Date	Lafarge Corp, Fredonia, Kansas, Certification of Compliance, Revised Operating Conditions, prepared by Radian, September 1994
68		
69	Report Prepare	
70	Testing Firm	
	Cond Descr	CoC, MAX RAW MIX FEED RATE AND ESP INLET TEMP, MIN ESP POWER
71		
	Testing Dates	June 27-28, 1994
72		
73	Cond Dates	Jun-94
74		
75	<b>323C9</b>	
76		
	Report Name/Date	Pilot Combustion Minimization and Public Involvement Enhancement Program (PCMPIE) Test Report, prepared by Radian, June 1996
77		
78	Report Prepare	Radian
79	Testing Firm	Radian
80	Cond Descr	HIGH CHLORINE, HIGH ESP INLET TEMPERATURE
81	Testing Dates	February 12-22, 1995
82	Cond Dates	Feb-95
83		
84	<b>323B1</b>	
85		
	Report Name/Date	Pilot Combustion Minimization and Public Involvement Enhancement Program (PCMPIE) Test Report, prepared by Radian, June 1996
86		
87	Report Prepare	Radian
88	Testing Firm	Radian
	Cond Descr	Baseline, coal only, LOW CHLORINE, HIGH ESP INLET TEMPERATURE
89		

	B	C
90	Testing Dates	February 23-25, 1995
91	Cond Dates	Feb-95
92		
93	<b>323B2</b>	
94		
95	Report Name/Date	Pilot Combustion Minimization and Public Involvement Enhancement Program (PCMPIE) Test Report, prepared by Radian, June 1996
96	Report Prepare	Radian
97	Testing Firm	Radian
	Cond Descr	HIGH CHLORINE, LOW ESP INLET TEMPERATURE
98		
99	Testing Dates	April 19-20, 1995
100	Cond Dates	Apr-95
101		
102	<b>323B3</b>	
103		
104	Report Name/Date	Lafarge Corporation, Fredonia, Kansas Plant, November 1995 Recertification of Compliance, prepared by Radian, November 1995
105	Report Prepare	
106	Testing Firm	
	Cond Descr	CoC, MAX OPERATING CONDITIONS
107		
	Testing Dates	September 19-23, 1995
108		
	Cond Dates	Sep-95
109		
110		
111	<b>323B4</b>	
112		
113	Report Name/Date	Lafarge Corporation, Fredonia, Kansas Plant, November 1995 Recertification of Compliance, prepared by Radian, November 1995
114	Report Prepare	
115	Testing Firm	
	Cond Descr	CoC, OPERATING CONDITIONS AT MINIMUM TEMPERATURE
116		
	Testing Dates	September 20-21, 1995
117		
118	Cond Dates	Sep-95
119		
120	<b>323B5</b>	
121		
122	Report Name/Date	Lafarge Corporation, Fredonia, Kansas Plant, November 1995 Recertification of Compliance, prepared by Radian, November 1995
123	Report Prepare	
124	Testing Firm	
	Cond Descr	CoC, OP COND AT MIN TEMP WHILE FEEDING AIR CONVEYED CANISTERS
125		
126	Testing Dates	September 24, 1995
127	Cond Dates	Sep-95

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	<b>Stack Gas Emissions</b>																			
2																				
3	<b>323C1</b>					R1	R2	R3	R4	R5	R6	R7								
4																				
5	PM	E1	gr/dscf	y		0.03300	0.02800	0.00500												
6	CO (MHRA)	E1	ppmv	y		621.0	573.0	878.0	384.0	125.0	1060.0	1200.0								
7	CO (RA)	E1	ppmv	y		364.0	244.0	406.0	180.0	86.0	682.0									
8	HC (MHRA)	E1	ppmv	y		10.0	10.6	10.5	8.6	10.0	13.4	10.5								
9	HC (RA)	E1	ppmv	y		2.6	9.8	9.1	6.5	9.3	11.5									
10	HCl	E1	ppmv	y		108.58	86.19	27.36												
11	Cl2	E1	ppmv	y		0.09	0.23	0.04												
12	Total Chlorine	E1	ppmv	y		108.76	86.65	27.44												
13																				
14	Arsenic	E2	ug/dscm	y						10.8	12.2	41.0								
15	Beryllium	E2	ug/dscm	y						1.0	1.0	1.0								
16	Cadmium	E2	ug/dscm	y						22.6	44.6	98.0								
17	Chromium	E2	ug/dscm	y						22.6	30.4	54.0								
18	Chromium (Hex)	E3	ug/dscm	y							0.1	0.21								
19	Lead	E2	ug/dscm	y						815.8	668.6	1219.8								
20	SVM	E2	ug/dscm	y						838.4	713.2	1317.8								
21	LVM	E2	ug/dscm	y						34.4	43.6	96.0								
22																				
23	Sampling Train	Halogens	E1																	
24	Stack Gas Flowrate		dscfm			53679	52014	55548												
25	O2		%			5.6	5.6	5.6												
26	Moisture		%			38.17	38.04	32.75												
27	Temperature		°F			443	446	478												
28																				
29	Sampling Train	Metals	E2																	
30	Stack Gas Flowrate		dscfm							54432	52815	53511								
31	O2		%							5.6	5.6	5.6								
32	Moisture		%							37.08	37.1	37.11								
33	Temperature		°F							462	467	454								
34																				
35	Sampling Train	Cr Hex	E3																	
36	Stack Gas Flowrate		dscfm											51706	50753					
37	O2		%											5.6	5.6					
38	Moisture		%											37.14	37.13					
39	Temperature		°F											444	447					
40																				
41	Sampling Train	Dioxin & FE	E4																	
42	Stack Gas Flowrate		dscfm							48779	48961	51187								
43	O2		%							5.6	5.6	5.6								
44	Moisture		%							37.63	37.12	36.51								
45	Temperature		°F							449	468	436								
46																				
47	<b>323C2</b>					R1	R2	R3	R4	R5	R6	R7								
48																				
49	Sampling Train	Dioxin & FE	E1																	
50	Stack Gas Flowrate		dscfm			53176	50200													
51	O2		%			1.45	1.49													
52	Moisture		%																	
53	Temperature		°F																	
54																				
55	<b>323C3</b>					R1	R2	R3	R4	R5	R6	R7								
56																				
57	Sampling Train	Dioxin & FE	E1																	
58	Stack Gas Flowrate		dscfm			51879	50538													
59	O2		%			1.3	1.52													
60	Moisture		%																	
61	Temperature		°F																	
62																				
63	<b>323C4</b>					R1	R2	R3	R4	R5	R6	R7								
64																				
65	Sampling Train	Dioxin & FE	E1																	
66	Stack Gas Flowrate		dscfm			54315	57008													
67	O2		%			1.43	1.24													
68	Moisture		%																	
69	Temperature		°F																	
70																				
71	<b>323C5</b>					R1	R2	R3	R4	R5	R6	R7								

	U
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2	
3	Cond Avg
4	
5	0.02200
6	690.7
7	338.0
8	10.4
9	7.2
10	74.0
11	0.1
12	74.3
13	
14	21.3
15	1.0
16	55.1
17	35.7
18	0.1
19	901.4
20	956.5
21	58.0
22	
23	
24	
25	
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47	Cond Avg
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55	Cond Avg
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63	Cond Avg
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71	Cond Avg

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
72																			
73	Sampling Train	Dioxin & FE1																	
74	Stack Gas Flowrate	dscfm				63130		56164											
75	O2	%				0.67		1.17											
76	Moisture	%																	
77	Temperature	°F																	
78																			
79	<b>323C6</b>					R1		R2		R3		R4		R5		R6		R7	
80																			
81	Sampling Train	Dioxin & FE1																	
82	Stack Gas Flowrate	dscfm				55280		57554											
83	O2	%				1.18		1.47											
84	Moisture	%																	
85	Temperature	°F																	
86																			
87	<b>323C7</b>					R1		R2		R3		R4		R5		R6		R7	
88																			
89	Sampling Train	Dioxin & FE1																	
90	Stack Gas Flowrate	dscfm				45652		47741											
91	O2	%				1.38		1.37											
92	Moisture	%																	
93	Temperature	°F																	
94																			
95	<b>323C8</b>					R1		R2		R3		R4		R5		R6		R7	
96																			
97	PM	E1	gr/dscf	y		0.01600		0.01600		0.01100									
98	CO (MHRA)	E1	ppmv	y		50.20		53.00		53.80									
99	CO (RA)	E1	ppmv	y		43.70		52.20		53.00									
100	HC (MHRA)	E1	ppmv	y		7.30		10.50		10.10									
101	HC (RA)	E1	ppmv	y		6.50		8.80		9.40									
102																			
103	Sampling Train	Particulate E1																	
104	Stack Gas Flowrate	dscfm				47546		45066		42721									
105	O2	%				8.6		9.1		9.1									
106	Moisture	%				38.299		35.065		40.136									
107	Temperature	°F				390.375		396.5		405									
108																			
109	<b>323C9</b>					R1		R2		R3		R4		R5		R6		R7	
110																			
111	PM	E1	gr/dscf	y		0.0063		0.0036		0.0047									
112	CO (RA)	E1	ppmv	y		41.78		63.63		40.78									
113	HC (RA)	E1	ppmv	y		5.24		6.02		5.30									
114	HCl	E1	ppmv	y		34.94		39.30		45.60									
115	Cl2	E1	ppmv	y		0.21		0.10		21.35									
116	Total Chlorine	E1	ppmv	y		35.36		39.50		88.30									
117	Antimony	E1	ug/dscm	y	nd	41.60	nd	37.00		21.40									
118	Arsenic	E1	ug/dscm	y	nd	1.16		0.57		0.58									
119	Barium	E1	ug/dscm	y		28.20		31.20		42.30									
120	Beryllium	E1	ug/dscm	y		0.23		0.32		0.15									
121	Cadmium	E1	ug/dscm	y		1.35		1.68		3.45									
122	Chromium	E1	ug/dscm	y		2.55		4.51		1.63									
123	Copper	E1	ug/dscm	y		7.80		8.43		7.42									
124	Iron	E1	ug/dscm	y		229.00		208.00		214.00									
125	Lead	E1	ug/dscm	y		28.50		32.00		36.20									
126	Mercury	E1	ug/dscm	y		39.50		35.60		38.40									
127	Nickel	E1	ug/dscm	y	nd	8.07		4.15		4.94									
128	Selenium	E1	ug/dscm	y		1.31		4.42		1.87									
129	Silver	E1	ug/dscm	y		1.69		2.80		2.79									
130	Thallium	E1	ug/dscm	y		0.22		0.23		0.24									
131	Zinc	E1	ug/dscm	y		44.60		255.00		314									
132	SVM	E1	ug/dscm	y		29.85		33.68		39.65									
133	LVM	E1	ug/dscm	y	29	3.94	0	5.40	0	2.35									9.9
134																			
135	Sampling Train	Metals E1																	
136	Stack Gas Flowrate	dscfm				58194		56039		58974									
137	O2	%				8.2		8.8		8.25									
138	Moisture	%																	
139	Temperature	°F																	
140																			
141	<b>323B1</b>					R1		R2		R3		R4		R5		R6		R7	
142																			



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79	Cond Avg
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85	
86	
87	Cond Avg
88	
89	
90	
91	
92	
93	
94	
95	Cond Avg
96	
97	0.01433
98	52.33
99	49.63
100	9.30
101	8.23
102	
103	
104	
105	
106	
107	
108	
109	Cond Avg
110	
111	0.00486
112	48.73
113	5.52
114	39.95
115	7.22
116	54.39
117	33.33
118	0.77
119	33.90
120	0.23
121	2.16
122	2.90
123	7.88
124	217.00
125	32.23
126	37.83
127	5.72
128	2.53
129	2.43
130	0.23
131	204.53
132	34.39
133	3.90
134	
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140	
141	Cond Avg
142	

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
143	PM	E1	gr/dscf	y		0.0114		0.0117		0.0130									
144	CO (RA)	E1	ppmv	y		43.15		40.31		25.46									
145	HC (RA)	E1	ppmv	y		6.18		6.04		5.16									
146	HCl	E1	ppmv	y		118.90		72.75		59.77									
147	Cl2	E1	ppmv	y		54.31		37.94		51.27									
148	Total Chlorine	E1	ppmv	y		227.52		148.63		162.31									
149	Antimony	E1	ug/dscm	y		21.00			nd	38.70									
150	Arsenic	E1	ug/dscm	y		0.64				1.31									
151	Barium	E1	ug/dscm	y		15.50				14.70									
152	Beryllium	E1	ug/dscm	y		0.19				0.21									
153	Cadmium	E1	ug/dscm	y		2.43				2.93									
154	Chromium	E1	ug/dscm	y		1.90				7.30									
155	Copper	E1	ug/dscm	y		4.57				8.70									
156	Iron	E1	ug/dscm	y		443.00				4794.00									
157	Lead	E1	ug/dscm	y		29.70				37.90									
158	Mercury	E1	ug/dscm	y		19.30				11.30									
159	Nickel	E1	ug/dscm	y		4.02				6.25									
160	Selenium	E1	ug/dscm	y		3.85				3.19									
161	Silver	E1	ug/dscm	y		1.51			nd	2.92									
162	Thallium	E1	ug/dscm	y		0.28				0.41									
163	Zinc	E1	ug/dscm	y		160.00				58.80									
164	SVM	E1	ug/dscm	y		32.13				40.83									
165	LVM	E1	ug/dscm	y		2.73				8.82									
166																			
167	Sampling Train	Metals	E1																
168	Stack Gas Flowrate		dscfm			64532		63776		60919									
169	O2		%			8.75		9.7		9.65									
170	Moisture		%			0		0		0									
171	Temperature		°F			0		0		0									
172																			
173	<b>323B2</b>						R1	R2		R3		R4		R5		R6		R7	
174																			
175	PM	E1	gr/dscf	y		0.01867				0.02188									
176	CO (RA)	E1	ppmv	y		157.46		46.86		246.14									
177	HC (RA)	E1	ppmv	y		6.48		5.73		7.37									
178	HCl	E1	ppmv	y		93.48		62.46		94.12									
179	Cl2	E1	ppmv	y		0.13		1.26		0.0005									
180	Total Chlorine	E1	ppmv	y		93.74		64.98		94.12									
181	Antimony	E1	ug/dscm	y	nd	3.57	nd	3.29		9.65									
182	Arsenic	E1	ug/dscm	y		0.98		0.31		0.95									
183	Barium	E1	ug/dscm	y		70.90		64.70		89.10									
184	Beryllium	E1	ug/dscm	y	nd	0.02	nd	0.02		0.02									
185	Cadmium	E1	ug/dscm	y		2.06		1.25		2.22									
186	Chromium	E1	ug/dscm	y		3.34		2.00		5.35									
187	Copper	E1	ug/dscm	y		12.10		7.73		12.50									
188	Iron	E1	ug/dscm	y		6138.00		260.00		6154.00									
189	Lead	E1	ug/dscm	y		258.00		51.10		152.00									
190	Mercury	E1	ug/dscm	y		62.90		67.40		57.60									
191	Nickel	E1	ug/dscm	y		4.68		7.05		10.90									
192	Selenium	E1	ug/dscm	y		5.32		0.82		7.25									
193	Silver	E1	ug/dscm	y		0.58	nd	0.25		0.79									
194	Thallium	E1	ug/dscm	y		0.22		0.10		0.19									
195	Zinc	E1	ug/dscm	y		55.10		40.00		53.40									
196	SVM	E1	ug/dscm	y		260.06		52.35		154.22									
197	LVM	E1	ug/dscm	y	0	4.34	1	2.33	0	6.33									0.3
198																			
199	Sampling Train	Halogens	E1																
200	Stack Gas Flowrate		dscfm			50799		56471		55990									
201	O2		%			9		9		8.2									
202	Moisture		%			0		0		0									
203	Temperature		°F			0		0		0									
204																			
205	<b>323B3</b>						R1	R2		R3		R4		R5		R6		R7	
206																			
207	PM	E1	gr/dscf	y		0.02900		0.02900		0.02000									
208	CO (MHRA)	E1	ppmv	y		546.00		215.00		141.00									
209	CO (RA)	E1	ppmv	y		216.00		178.00		115.00									
210	HC (MHRA)	E1	ppmv	y		3.60		3.40		3.20									
211	HC (RA)	E1	ppmv	y		3.50		3.30		3.10									
212	HCl	E1	ppmv	y		36.24		30.89		24.48									
213	Cl2	E1	ppmv	y		0.00		0.00		0.00									

	U
143	0.0120
144	36.31
145	5.79
146	83.81
147	47.84
148	179.49
149	29.85
150	0.98
151	15.10
152	0.20
153	2.68
154	4.60
155	6.64
156	2618.50
157	33.80
158	15.30
159	5.14
160	3.52
161	2.22
162	0.35
163	109.40
164	36.48
165	5.77
166	
167	
168	
169	
170	
171	
172	
173	Cond Avg
174	
175	0.02027
176	150.15
177	6.53
178	83.35
179	0.46
180	84.28
181	5.50
182	0.75
183	74.90
184	0.02
185	1.84
186	3.56
187	10.78
188	4184.00
189	153.70
190	62.63
191	7.54
192	4.46
193	0.54
194	0.17
195	49.50
196	155.54
197	4.33
198	
199	
200	
201	
202	
203	
204	
205	Cond Avg
206	
207	0.02600
208	300.67
209	169.67
210	3.40
211	3.30
212	30.54
213	0.00

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
214	Total Chlorine	E1	ppmv	y		36.24		30.89		24.48									
215	Antimony	E2	ug/dscm	y		1.34	nd	2.11	nd	2.85									
216	Arsenic	E2	ug/dscm	y		1.06		1.79		1.11									
217	Barium	E2	ug/dscm	y		72.90		108.00		71.50									
218	Beryllium	E2	ug/dscm	y		0.42		0.67		0.22									
219	Cadmium	E2	ug/dscm	y		43.33		48.72		33.11									
220	Chromium	E2	ug/dscm	y		4.02		6.38		3.44									
221	Lead	E2	ug/dscm	y		443.88		470.41		333.35									
222	Mercury	E2	ug/dscm	y		30.40		40.40		36.40									
223	Nickel	E2	ug/dscm	y		5.93		6.20		2.98									
224	Selenium	E2	ug/dscm	y		33.30		70.90		91.90									
225	Silver	E2	ug/dscm	y		0.28		0.91		0.31									
226	Thallium	E2	ug/dscm	y	nd	0.45		0.56	nd	0.41									
227	SVM	E2	ug/dscm	y		487.21		519.13		366.47									
228	LVM	E2	ug/dscm	y		5.50		8.85		4.78									
229																			
230	Sampling Train	Particulate	E1																
231	Stack Gas Flowrate		dscfm			58588		58170		56301									
232	O2		%			7.6		7.5		7.4									
233	Moisture		%			33.8		33.4		34.2									
234	Temperature		°F			385.6		399.54		396.21									
235																			
236	Sampling Train	Metals	E2																
237	Stack Gas Flowrate		dscfm			58184		54495		54525									
238	O2		%			7.6		7.5		7.4									
239	Moisture		%			32.5		33.6		33.9									
240	Temperature		°F			391.8		401.54		400.92									
241																			
242	Sampling Train	Dioxin & F	E3																
243	Stack Gas Flowrate		dscfm									54078		57788		55889			
244	O2		%									7.9		7.6		7.6			
245	Moisture		%									34.9		35		32.8			
246	Temperature		°F									367.96		394.48		404.6			
247																			
248	<b>323B4</b>					R1		R2		R3		R4		R5		R6		R7	
249																			
250	CO (MHRA)	E1	ppmv	y		817.0		660.0		1409.0									
251	CO (RA)	E1	ppmv	y		676.0		407.0		734.0									
252	HC (MHRA)	E1	ppmv	y		3.0		3.5		3.4									
253	HC (RA)	E1	ppmv	y		2.9		2.8		3.0									
254																			
255	Sampling Train	SVOC	E1																
256	Stack Gas Flowrate		dscfm			51022		50928		54947									
257	O2		%			7.1		7.9		7.9									
258	Moisture		%			36.4		35.3		35.3									
259	Temperature		°F			365.11		363.63		359.35									
260																			
261	Sampling Train	Dioxin & F	E2																
262	Stack Gas Flowrate		dscfm									51154		50779					
263	O2		%									7.1		8					
264	Moisture		%									35.4		34.4					
265	Temperature		°F									364.37		359.88					
266																			
267	Sampling Train	Aldehyde	E3																
268	Stack Gas Flowrate		dscfm									51451		51638					
269	O2		%									7.1		7.9					
270	Moisture		%									34.9		34.6					
271	Temperature		°F									370.96		364.21					
272																			
273	<b>323B5</b>					R1		R2		R3		R4		R5		R6		R7	
274																			
275	CO (MHRA)	E1	ppmv			179.0		195.0		308.0									
276	CO (RA)	E1	ppmv			127.0		138.0		232.0									
277	HC (MHRA)	E1	ppmv			2.4		3.6		4.2									
278	HC (RA)	E1	ppmv			2.3		3.3		3.6									
279																			
280	Sampling Train	SVOC	E1																
281	Stack Gas Flowrate		dscfm			55226		51890		51650									
282	O2		%			8		7.7		8									
283	Moisture		%			33.2		33.4		35.6									
284	Temperature		°F			369.46		373.79		363.33									

	U
214	30.54
215	2.10
216	1.32
217	84.13
218	0.44
219	41.72
220	4.61
221	415.88
222	35.73
223	5.04
224	65.37
225	0.50
226	0.47
227	457.60
228	6.37
229	
230	
231	
232	
233	
234	
235	
236	
237	
238	
239	
240	
241	
242	
243	
244	
245	
246	
247	
248	Cond Avg
249	
250	962.0
251	605.7
252	3.3
253	2.9
254	
255	
256	
257	
258	
259	
260	
261	
262	
263	
264	
265	
266	
267	
268	
269	
270	
271	
272	
273	Cond Avg
274	
275	227.3
276	165.7
277	3.4
278	3.1
279	
280	
281	
282	
283	
284	

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	<b>Feedrate 2</b>																					
2																						
3	<b>323C1</b>		R1		R2		R3		R4		R5		R6		R1		R2		R3			
4																						
5	Feedstream Number		F1		F1		F1		F1		F1		F1		F2		F2		F2			
6	Feed Class		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Solid HW		Solid HW		Solid HW			
7	Feed Class 2		RM		RM		RM		RM		RM		RM									
8	Feedstream Description		Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Air Conveyed Fu		Air Conveyed Fu		Air Conveyed F	
9	Feed Rate		152400		153200		154800		162000		162000		162000		162000		1200		600		1000	
10	Heating Value	lb/hr															6500		6800		7000	
11	Chlorine	Btu/lb															4.45		2.65		3.79	
12	Antimony	lb/hr	nd	15.24	nd	15.32	nd	15.48	nd	16.2	nd	16.2	nd	16.2	nd	16.2	4.45		2.65		3.79	
13	Arsenic	lb/hr								nd	1.134	nd	1.134	nd	1.134	nd	1.134		1.134		nd	
14	Barium	lb/hr								nd	0.6318	nd	0.5994	nd	0.1458	nd	0.1458		0.1458		nd	
15	Beryllium	lb/hr								nd	7.533		8.1		8.262		8.262		8.262		nd	
16	Cadmium	lb/hr								nd	0.0324	nd	0.3078	nd	0.324		0.324		0.324		nd	
17	Chromium	lb/hr								nd	0.0324	nd	0.0486	nd	0.0648		0.0648		0.0648		nd	
18	Lead	lb/hr								nd	2.106		1.944		2.268		2.268		2.268		nd	
19	Mercury	lb/hr								nd	1.1178		1.1988		0.8424		0.8424		0.8424		nd	
20	Silver	lb/hr								nd	0.00616	nd	0.00502	nd	0.00518		0.00518		0.00518		nd	
21	Thallium	lb/hr								nd	3.402	nd	3.24	nd	3.402		3.402		3.402		nd	
22																						
23	Stack Gas Flowrate	dscfm		53679		52014		55548		54432		52815		53511		53679		52014		55548		
24	Oxygen	%		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		
25																						
26	Thermal Feedrate	MMBtu/hr														7.8		4.08		7		
27	Est Total Firing Rate	MMBtu/hr																				
28																						
29	Chlorine	ug/dscm	100	69009	100	71592	100	67737	100	72341	100	74556	100	73586		20165		12363		16593		
30	Antimony	ug/dscm							100	5064	100	5219	100	5151							100	
31	Arsenic	ug/dscm							100	2821	100	2759	100	662								
32	Barium	ug/dscm								33639		37278		37529								
33	Beryllium	ug/dscm							100	145	100	1417	100	1472								
34	Cadmium	ug/dscm							100	145	100	224	100	294								
35	Chromium	ug/dscm								9404		8947		10302								
36	Lead	ug/dscm								4992		5517		3826								
37	Mercury	ug/dscm							100	27	100	23	100	24								
38	Silver	ug/dscm							100	15192	100	14911	100	15453							100	
39	Thallium	ug/dscm							100	3617	100	3728	100	3679								
40	SVM	ug/dscm							2.8	5136	3.9	5741	7.1	4121								
41	LVM	ug/dscm							24	12370	32	13122	17	12436								
42																						
43	<b>323C8</b>		R1		R2		R3		R4		R5		R6		R1		R2		R3			
44																						
45	Feedstream Number		F1		F1		F1		F1		F1		F1		F2		F2		F2			
46	Feed Class		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
47	Feedstream Description		Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spike		Spike		Spike	
48	Feed Rate	lb/hr																				
49	Heating Value	Btu/lb																				
50																						
51	<b>323C9</b>		R1		R2		R3		R4		R5		R6		R1		R2		R3			
52																						
53	Feedstream Number		F1		F1		F1		F1		F1		F1		F2		F2		F2			
54	Feed Class		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
55	Feed Class 2		RM		RM		RM		RM		RM		RM		RM							
56	Feedstream Description		Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spiked metals		Spiked metals		Spiked metals	
57	Feed Rate	lb/hr	146200		146400		145800															
58	Heating Value	Btu/lb																				
59	Thermal Feedrate	MMBtu/hr																				
60	Chlorine	lb/hr		8.8743		7.2673		21.6017														

	B	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
1	<b>Feedrate 2</b>																						
2																							
3	<b>323C1</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6		R1		R2	
4																							
5	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3		F4		F4	
6	Feed Class	Solid HW		Solid HW		Solid HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Spike		Spike	
7	Feed Class 2																			Spike		Spike	
8	Feedstream Description	Air Conveyed		Air Conveyed I		Air Conveyed I		Liq Waste		Liq Waste		Liq Waste		Liq Waste		Liq Waste		Liq Waste		Spike		Spike	
9	Feed Rate	1000		600		1000		15800		15400		16200		16200		16200		16200		15800		15800	
10	Heating Value	7000		6900		7500		13500		11600		12000		12050		13200		12100		12100		12100	
11	Chlorine	2.56		2.29		3.51		930		661		750		780		694		732		732		732	
12	Antimony	0.101 nd		0.062 nd		0.093								0.342		0.322		0.315		0.315		0.315	
13	Arsenic	0.0044		0.0026		0.0035								0.049		0.057		0.037		0.037		0.037	
14	Barium	26.68		22.05		21.38								6.680		7.253		5.996		5.996		5.996	
15	Beryllium	0.0011		0.0007		0.0011								0.0007		0.0004		0.0024		0.0024		0.0024	
16	Cadmium	0.0011		0.0029		0.0020								0.179		0.209		0.157		0.157		0.157	
17	Chromium	0.919		0.534		1.479								3.74		4.03		3.31		3.31		3.31	
18	Lead	2.13		0.75		2.69								12.19		13.05		9.13		9.13		9.13	
19	Mercury	8.8E-05		0.0017		0.0020								0.001		0.0016		0.0054		0.0054		0.0054	
20	Silver	0.020 nd		0.013 nd		0.020				nd				0.075 nd		0.071 nd		0.071		0.071		0.071	
21	Thallium	0.11 nd		0.06 nd		0.09				nd				0.342 nd		0.322 nd		0.315		0.315		0.315	
22																							
23	Stack Gas Flowrate	54432		52815		53511		53679		52014		55548		54432		52815		53511		53679		52014	
24	Oxygen	5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6	
25																							
26	Thermal Feedrate	7		4.14		7.5		213.3		178.64		194.4		195.21		213.84		191.18		191.18		191.18	
27	Est Total Firing Rate																						
28																							
29	Chlorine	11420		10552		15922		4212699		3090676		3279918		3484989		3195992		3324662		3324662		3324662	
30	Antimony	453 100		284 100		421								1526		1481		1432		1432		1432	
31	Arsenic	20		12		16								217		264		170		170		170	
32	Barium	119120		101460		97136								29829		33380		27238		27238		27238	
33	Beryllium	5		3		5								3		2		11		11		11	
34	Cadmium	5		13		9								797		964		711		711		711	
35	Chromium	4105		2455		6719								16696		18527		15021		15021		15021	
36	Lead	9520		3429		12217								54441		60064		41458		41458		41458	
37	Mercury	0		8		9								4		7		24		24		24	
38	Silver	89 100		61 100		90				100				335 100		325 100		320		320		320	
39	Thallium	482 100		284 100		421				100				1526 100		1481 100		1432		1432		1432	
40	SVM	9525		3443		12226								55238		61028		42169		42169		42169	
41	LVM	4130		2471		6740								16916		18792		15202		15202		15202	
42																							
43	<b>323C8</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6		R6		R6	
44																							
45	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3		F3		F3	
46	Feed Class	Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike	
47	Feedstream Description	Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals	
48	Feed Rate																						
49	Heating Value																						
50																							
51	<b>323C9</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6		R1		R2	
52																							
53	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3		F3		F3	
54	Feed Class	Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike	
55	Feed Class 2																			Spike		Spike	
56	Feedstream Description	Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals	
57	Feed Rate																						
58	Heating Value																						
59	Thermal Feedrate																						
60	Chlorine																						

	B	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO
1	<b>Feedrate 2</b>																						
2																							
3	<b>323C1</b>	R3		R4		R5		R6		R1		R2		R3		R4		R5		R6		R1	
4																							
5	Feedstream Number	F4		F4		F4		F4															F5
6	Feed Class	Spike		Spike		Spike		Spike															Coal
7	Feed Class 2	Spike		Spike		Spike		Spike		HW		HW		HW		HW		HW		HW		HW	Coal
8	Feedstream Description	Spike		Spike		Spike		Spike															Coal
9	Feed Rate																						
10	Heating Value																						
11	Chlorine																						
12	Antimony																						
13	Arsenic			14.11		7.39		18.81															
14	Barium																						
15	Beryllium			1.26		1.08		0.98															
16	Cadmium			2.36		2.36		2.07															
17	Chromium			23.37		17.00		27.78															
18	Lead			25.46		19.44		22.02															
19	Mercury																						
20	Silver																						
21	Thallium																						
22																							
23	Stack Gas Flowrate	55548		54432		52815		53511		53679		52014		55548		54432		52815		53511		53679	
24	Oxygen	5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6	
25																							
26	Thermal Feedrate									221		183		201		202		218		199			
27	Est Total Firing Rate																						
28																							
29	Chlorine									4232864		3103038		3296510		3496409		3206544		3340584			0
30	Antimony													26	1752	18	1623	26	1642				0
31	Arsenic			63005		33989		85420							236		276		186				0
32	Barium													148949		134840		124374					0
33	Beryllium			5621		4951		4456						8		5		16					0
34	Cadmium			10534		10856		9413						802		977		720					0
35	Chromium			104353		78226		126177						20802		20982		21740					0
36	Lead			113705		89488		100040						63960		63494		53675					0
37	Mercury													5		15		34					0
38	Silver													100	212	100	193	100	205				0
39	Thallium													100	1767	100	883	100	926				0
40	SVM			124239		100344		109453							64763		64471		54395				0
41	LVM			172979		117166		216053							21046		21263		21943				0
42																							
43	<b>323C8</b>									R1		R2		R3		R4		R5		R6		R1	
44																							
45	Feedstream Number									F4		F4		F4		F4		F4		F4		F5	
46	Feed Class									Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Coal	
47	Feedstream Description									Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Coal	
48	Feed Rate									8695		9724		14087									5778
49	Heating Value									11731		10283		10222									12287
50																							
51	<b>323C9</b>	R3		R4		R5		R6		R1		R2		R3		R4		R5		R6		R1	
52																							
53	Feedstream Number									F4		F4		F4		F4		F4		F4		F5	
54	Feed Class									Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Coal	
55	Feed Class 2	Spike		Spike		Spike		Spike		HW		HW		HW		HW		HW		HW		Coal	
56	Feedstream Description									Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Coal	
57	Feed Rate									13600		13600		13600									
58	Heating Value									12500		12500		12500									
59	Thermal Feedrate									170		170		170									
60	Chlorine									87.448		84.32		95.676									



	B	BP	BQ	BR	BS	BT	BU	BV	BV	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG
1	<b>Feedrate 2</b>																		
2																			
3	<b>323C1</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
4																			
5	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
6	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
7	Feed Class 2	Coal		Coal		Coal		Coal		Coal									
8	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material m	
9	Feed Rate																		
10	Heating Value																		
11	Chlorine																		
12	Antimony																		
13	Arsenic																		
14	Barium																		
15	Beryllium																		
16	Cadmium																		
17	Chromium																		
18	Lead																		
19	Mercury																		
20	Silver																		
21	Thallium																		
22																			
23	Stack Gas Flowrate	52014		55548		54432		52815		53511		53679		52014		55548		54432	
24	Oxygen	5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6	
25																			
26	Thermal Feedrate																		
27	Est Total Firing Rate																		
28																			
29	Chlorine	0		0		0		0		0		0		0		0		0	
30	Antimony	0		0		0		0		0		0		0		0		0	
31	Arsenic	0		0		0		0		0		0		0		0		0	
32	Barium	0		0		0		0		0		0		0		0		0	
33	Beryllium	0		0		0		0		0		0		0		0		0	
34	Cadmium	0		0		0		0		0		0		0		0		0	
35	Chromium	0		0		0		0		0		0		0		0		0	
36	Lead	0		0		0		0		0		0		0		0		0	
37	Mercury	0		0		0		0		0		0		0		0		0	
38	Silver	0		0		0		0		0		0		0		0		0	
39	Thallium	0		0		0		0		0		0		0		0		0	
40	SVM	0		0		0		0		0		0		0		0		0	
41	LVM	0		0		0		0		0		0		0		0		0	
42																			
43	<b>323C8</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
44																			
45	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
46	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
47	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material m	
48	Feed Rate																		
49	Heating Value	4638		7939															
50		12289		12219															
51	<b>323C9</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
52																			
53	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
54	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
55	Feed Class 2	Coal		Coal		Coal		Coal		Coal									
56	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material m	
57	Feed Rate																		
58	Heating Value																		
59	Thermal Feedrate																		
60	Chlorine																		

	B	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	DI	DE	DJ	DG	DI	
1	<b>Feedrate 2</b>																							
2																								
3	<b>323C1</b>	R5	R6	R1	R2	R3	R4	R5	R6	Cond Avg														
4																								
5	Feedstream Number	F6	F6	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	
6	Feed Class	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
7	Feed Class 2	Total			Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
8	Feedstream Description	Raw material r	Raw material m	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
9	Feed Rate																							
10	Heating Value																							
11	Chlorine																							
12	Antimony																							
13	Arsenic																							
14	Barium																							
15	Beryllium																							
16	Cadmium																							
17	Chromium																							
18	Lead																							
19	Mercury																							
20	Silver																							
21	Thallium																							
22																								
23	Stack Gas Flowrate	52815	53511																					
24	Oxygen	5.6	5.6																					
25																								
26	Thermal Feedrate					221	183	201	202	218	199	204												
27	Est Total Firing Rate					262	254	272	266	258	262	262												
28																								
29	Chlorine	0	0	1.6	4267369	2.3	3138834	2	3330379	2.03	3568750	2.3	3281100	2.2	3414170	2	3500100							
30	Antimony	0	0																					
31	Arsenic	0	0																					
32	Barium	0	0																					
33	Beryllium	0	0																					
34	Cadmium	0	0																					
35	Chromium	0	0																					
36	Lead	0	0																					
37	Mercury	0	0																					
38	Silver	0	0																					
39	Thallium	0	0																					
40	SVM	0	0																					
41	LVM	0	0																					
42																								
43	<b>323C8</b>	R5	R6	R1	R2	R3	R4	R5	R6	Cond Avg														
44																								
45	Feedstream Number	F6	F6	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	
46	Feed Class	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
47	Feedstream Description	Raw material r	Raw material m	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
48	Feed Rate																							
49	Heating Value																							
50																								
51	<b>323C9</b>	R5	R6	R1	R2	R3	R4	R5	R6	Cond Avg														
52																								
53	Feedstream Number	F6	F6	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	F7	
54	Feed Class	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
55	Feed Class 2	Total			Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
56	Feedstream Description	Raw material r	Raw material m	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
57	Feed Rate																							
58	Heating Value																							
59	Thermal Feedrate					170	170	170																170
60	Chlorine																							

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
61	Antimony	lb/hr		nd	4.2837	nd	4.2968	nd	4.2574													
62	Arsenic	lb/hr			0.8523		0.8052		0.9054													
63	Barium	lb/hr			6.7252		5.5120		7.0276													
64	Beryllium	lb/hr			0.2135		0.2503		0.2085													
65	Cadmium	lb/hr			0.2661		0.3514		0.2522													
66	Chromium	lb/hr			5.5702		5.8999		6.2548													
67	Copper	lb/hr			2.2222		2.4815		2.3328													
68	Iron	lb/hr			1476.62		1431.06		1603.80													
69	Lead	lb/hr			2.3538		2.4522		2.3620													
70	Mercury	lb/hr			0.0008	nd	0.0004	nd	0.0005													
71	Nickel	lb/hr			3.0556		2.8328		2.7265													
72	Selenium	lb/hr			0.2149		0.1314		0.1251													
73	Silver	lb/hr		nd	0.3231	nd	0.3243	nd	0.3208													
74	Thallium	lb/hr			0.0192		0.0200		0.0223													
75	Zinc	lb/hr			44.1524		75.1764		40.5324													
76																						
77	Stack Gas Flowrate	dscfm			58194		56039		58974								58194		56039			58974
78	Oxygen	%			8.2		8.8		8.25								8.2		8.8			8.25
79																						
80	<i>Feedrate MTEC Calculations</i>																					
81	Chlorine	ug/dscm			44596		39790		107538								0		0			0
82	Antimony	ug/dscm		100	21526	100	23526	100	21194								0		0			0
83	Arsenic	ug/dscm			4283		4409		4507								0		0			0
84	Barium	ug/dscm			33796		30179		34985								0		0			0
85	Beryllium	ug/dscm			1073		1371		1038								0		0			0
86	Cadmium	ug/dscm			1337		1924		1256								0		0			0
87	Chromium	ug/dscm			27992		32303		31138								0		0			0
88	Copper	ug/dscm			11167		13586		11613								0		0			0
89	Iron	ug/dscm			7420391		7835268		7984094								0		0			0
90	Lead	ug/dscm			11829		13426		11758								0		0			0
91	Mercury	ug/dscm			4	100		2	100								0		0			0
92	Nickel	ug/dscm			15355		15510		13573								0		0			0
93	Selenium	ug/dscm			1080		719		623								0		0			0
94	Silver	ug/dscm		100	1624	100	1775	100	1597								0		0			0
95	Thallium	ug/dscm			96		109		111								0		0			0
96	Zinc	ug/dscm			221877		411602		201780								0		0			0
97	SVM	ug/dscm			13166		15350		13014								0		0			0
98	LVM	ug/dscm			33348		38082		36683								0		0			0
99																						
100																						
101	<b>323B1</b>				R1		R2		R3		R4		R5		R6		R1		R2		R3	
102																						
103	Feedstream Number				F1		F1		F1		F1		F1		F1		F2		F2		F2	
104	Feed Class				Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
105	Feed Class 2				RM		RM		RM		RM		RM		RM							
106	Feedstream Description				Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spiked metals		Spiked metals		Spiked metals	
107	Feed Rate	lb/hr			154000		157600		157200													
108	Heating Value	Btu/lb																				
109	Chlorine	lb/hr			53.592		47.315		46.725													
110	Antimony	lb/hr		nd	4.4968	nd	4.6019	nd	4.6060													
111	Arsenic	lb/hr			0.7022		0.7139		0.7876													
112	Barium	lb/hr			4.4660		4.6492		5.7378													
113	Beryllium	lb/hr			0.385		0.231672		0.312828													
114	Cadmium	lb/hr			0.2834		0.1530		0.2845													
115	Chromium	lb/hr			5.8828		5.5948		6.6496													
116	Copper	lb/hr			2.4794		2.37976		2.68812													
117	Iron	lb/hr			1261.26		1333.296		1515.408													
118	Lead	lb/hr			2.4178		2.33248		3.144													
119	Mercury	lb/hr			0.000842	nd	0.000520	nd	0.000498													
120	Nickel	lb/hr			1.8942		1.85968		2.70384													

	B	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
61	Antimony																						
62	Arsenic																						
63	Barium																						
64	Beryllium																						
65	Cadmium																						
66	Chromium																						
67	Copper																						
68	Iron																						
69	Lead																						
70	Mercury																						
71	Nickel																						
72	Selenium																						
73	Silver																						
74	Thallium																						
75	Zinc																						
76																							
77	Stack Gas Flowrate							58194		56039		58974											
78	Oxygen							8.2		8.8		8.25											
79																							
80	Feedrate MTEC Calculati																						
81	Chlorine							0		0		0											
82	Antimony							0		0		0											
83	Arsenic							0		0		0											
84	Barium							0		0		0											
85	Beryllium							0		0		0											
86	Cadmium							0		0		0											
87	Chromium							0		0		0											
88	Copper							0		0		0											
89	Iron							0		0		0											
90	Lead							0		0		0											
91	Mercury							0		0		0											
92	Nickel							0		0		0											
93	Selenium							0		0		0											
94	Silver							0		0		0											
95	Thallium							0		0		0											
96	Zinc							0		0		0											
97	SVM							0		0		0											
98	LVM							0		0		0											
99																							
100																							
101	323B1		R4		R5		R6		R1		R2		R3		R4		R5		R6		R1		R2
102																							
103	Feedstream Number		F2		F2		F2		F3		F3		F3		F3		F3		F3				
104	Feed Class		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike				
105	Feed Class 2																				Spike		Spike
106	Feedstream Description		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals				
107	Feed Rate																						
108	Heating Value																						
109	Chlorine																						
110	Antimony																						
111	Arsenic																						
112	Barium																						
113	Beryllium																						
114	Cadmium																						
115	Chromium																						
116	Copper																						
117	Iron																						
118	Lead																						
119	Mercury																						
120	Nickel																						

	B	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO
1	Antimony								nd	0.7589	nd	0.7358	nd	0.7575									
2	Arsenic								nd	0.0212	nd	0.0205	nd	0.0212									
3	Barium									53.72		70.856		69.564									
4	Beryllium								nd	0.004257	nd	0.006025	nd	0.006678									
5	Cadmium									0.040528		0.013736		0.020196									
6	Chromium									1.8768		2.4344		2.4752									
7	Copper									4.2704		5.1		5.0796									
8	Iron									34.136		48.144		46.784									
9	Lead									3.0872		3.8896		3.8148									
0	Mercury									0.004665		0.006025		0.003101									
1	Nickel								nd	0.14824		0.23392		0.3808									
2	Selenium								nd	0.017816	nd	0.017272	nd	0.017816									
3	Silver								nd	0.05726	nd	0.05549	nd	0.05719									
4	Thallium									0.00668	nd	0.00632	nd	0.00651									
5	Zinc									6.9088		8.6768		9.6492									
6																							
7	Stack Gas Flowrate									58194		56039		58974									58194
8	Oxygen									8.2		8.8		8.25									8.2
9																							
0	Feedrate MTEC Calculati																						
1	Chlorine									439448		461665		476298									0
2	Antimony								100	3814	100	4028	100	3771									0
3	Arsenic								100	107	100	112	100	106									0
4	Barium									269957		387947		346306									0
5	Beryllium								100	21	100	33	100	33									0
6	Cadmium									204		75		101									0
7	Chromium									9431		13329		12322									0
8	Copper									21460		27923		25287									0
9	Iron									171542		263596		232902									0
0	Lead									15514		21296		18991									0
1	Mercury									23		33		15									0
2	Nickel								100	745	100	1281	100	1896									0
3	Selenium								100	90	100	95	100	89									0
4	Silver								100	288	100	304	100	285									0
5	Thallium									34		35		32									0
6	Zinc									34718		47507		48036									0
7	SVM									15718		21371		19092									0
8	LVM								1.3	9559	1.1	13474	1.11	12461									0
9																							
0									6		5		5										
1	323B1	R3		R4		R5		R6		R1		R2		R3		R4		R5		R6		R1	
2																							
3	Feedstream Number									F4		F4		F4		F4		F4		F4		F5	
4	Feed Class									Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Coal	
5	Feed Class 2	Spike		Spike		Spike		Spike		HW		HW		HW		HW		HW		HW		Coal	
6	Feedstream Description									Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Coal	
7	Feed Rate																						15000
8	Heating Value																						12000
9	Chlorine																						38.1
0	Antimony																						0.045
1	Arsenic																						0.165
2	Barium																						0.39
3	Beryllium																						0.0165
4	Cadmium																				nd		0.0045 nd
5	Chromium																						0.24
6	Copper																						0.33
7	Iron																						394.5
8	Lead																						0.915
9	Mercury																						0.00135
0	Nickel																						0.99

	B	BP	BQ	BR	BS	BT	BU	BV	BV	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG
61	Antimony																		
62	Arsenic																		
63	Barium																		
64	Beryllium																		
65	Cadmium																		
66	Chromium																		
67	Copper																		
68	Iron																		
69	Lead																		
70	Mercury																		
71	Nickel																		
72	Selenium																		
73	Silver																		
74	Thallium																		
75	Zinc																		
76																			
77	Stack Gas Flowrate	56039		58974						58194		56039		58974					
78	Oxygen	8.8		8.25						8.2		8.8		8.25					
79																			
80	<i>Feedrate MTEC Calculati</i>																		
81	Chlorine	0		0						0		0		0				0	
82	Antimony	0		0						0		0		0				0	
83	Arsenic	0		0						0		0		0				0	
84	Barium	0		0						0		0		0				0	
85	Beryllium	0		0						0		0		0				0	
86	Cadmium	0		0						0		0		0				0	
87	Chromium	0		0						0		0		0				0	
88	Copper	0		0						0		0		0				0	
89	Iron	0		0						0		0		0				0	
90	Lead	0		0						0		0		0				0	
91	Mercury	0		0						0		0		0				0	
92	Nickel	0		0						0		0		0				0	
93	Selenium	0		0						0		0		0				0	
94	Silver	0		0						0		0		0				0	
95	Thallium	0		0						0		0		0				0	
96	Zinc	0		0						0		0		0				0	
97	SVM	0		0						0		0		0				0	
98	LVM	0		0						0		0		0				0	
99																			
100																			
101	<b>323B1</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
102																			
103	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
104	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
105	Feed Class 2	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material n	
106	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material n	
107	Feed Rate	6400		6200															
108	Heating Value	12000		12000															
109	Chlorine	14.4		17.608															
110	Antimony	0.01536		0.0155															
111	Arsenic	0.06016		0.0744															
112	Barium	0.3008		0.3317															
113	Beryllium	0.00704		0.00744															
114	Cadmium	0.00256 nd		0.00248															
115	Chromium	0.1408		0.1736															
116	Copper	0.1792		0.1829															
117	Iron	167.04		168.33															
118	Lead	0.3904		0.4929															
119	Mercury	0.000256		0.000558															
120	Nickel	0.416		0.4433															

	B	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	DI	DE	D	DG	I	DI
61	Antimony																							
62	Arsenic																							
63	Barium																							
64	Beryllium																							
65	Cadmium																							
66	Chromium																							
67	Copper																							
68	Iron																							
69	Lead																							
70	Mercury																							
71	Nickel																							
72	Selenium																							
73	Silver																							
74	Thallium																							
75	Zinc																							
76																								
77	Stack Gas Flowrate																							
78	Oxygen																							
79																								
80	Feedrate MTEC Calculati																							
81	Chlorine					484044		501454		583836									523112					
82	Antimony				100	25340	100	27554	100	24965							100		25953					
83	Arsenic				2.4	4390	2.5	4521	2.3	4613							2.4		4508					
84	Barium					303752		418126		381291									367723					
85	Beryllium				2	1094		1404	3.1	1071							1.5		1190					
86	Cadmium					1541		1999		1356									1632					
87	Chromium					37423		45632		43460									42172					
88	Copper					32627		41510		36901									37013					
89	Iron					7591933		8098863		8216996									7969264					
90	Lead					27343		34722		30749									30938					
91	Mercury					28	6.5	35	15	18							6.1		27					
92	Nickel				4.6	16100	7.6	16791	12	15469							8.1		16120					
93	Selenium				7.7	1170	12	814	12	711							10		898					
94	Silver				100	1911	100	2079	100	1882							100		1957					
95	Thallium					130		144		143									139					
96	Zinc					256596		459109		249816									321840					
97	SVM					28883		36721		32106									32570					
98	LVM				0.3	42907	0.3	51556	0.3	49144							0.3		47869					
99																								
100																								
101	<b>323B1</b>		R5		R6		R1		R2		R3		R4		R5		R6		Cond Avg					
102																								
103	Feedstream Number		F6		F6		F7		F7		F7		F7		F7		F7		F7					
104	Feed Class		Raw Material		Raw Material		Total		Total		Total		Total		Total		Total		Total					
105	Feed Class 2						Total		Total		Total		Total		Total		Total		Total					
106	Feedstream Description		Raw material r		Raw material m		Total		Total		Total		Total		Total		Total		Total					
107	Feed Rate																							
108	Heating Value																							
109	Chlorine																							
110	Antimony																							
111	Arsenic																							
112	Barium																							
113	Beryllium																							
114	Cadmium																							
115	Chromium																							
116	Copper																							
117	Iron																							
118	Lead																							
119	Mercury																							
120	Nickel																							

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
121	Selenium		lb/hr		0.0824		0.0963		0.0893													
122	Silver		lb/hr	nd	0.3403	nd	0.3467	nd	0.6084													
123	Thallium		lb/hr		0.0226		0.0172		0.0179													
124	Zinc		lb/hr		45.584		46.8072		46.374													
125																						
126	Stack Gas Flowrate		dscfm		64532		63776		60919													
127	Oxygen		%		8.75		9.7		9.65													
128																						
129	Thermal Feedrate		MMBtu/hr																			
130	Est Total Firing Rate		MMBtu/hr																			
131																						
132	<i>Feedrate MTEC Calculations</i>																					
133	Chlorine		ug/dscm		253767		245757		252955													
134	Antimony		ug/dscm	100	21293	100	23903	100	24935													
135	Arsenic		ug/dscm		3325		3708		4264													
136	Barium		ug/dscm		21147		24148		31063													
137	Beryllium		ug/dscm		1823		1203		1694													
138	Cadmium		ug/dscm		1342		795		1540													
139	Chromium		ug/dscm		27856		29060		35999													
140	Copper		ug/dscm		11740		12361		14553													
141	Iron		ug/dscm		5972272		6925276		8204028													
142	Lead		ug/dscm		11449		12115		17021													
143	Mercury		ug/dscm		4	100	3	100	3													
144	Nickel		ug/dscm		8969		9659		14638													
145	Selenium		ug/dscm		390		500		483													
146	Silver		ug/dscm	100	1612	100	1801	100	3294													
147	Thallium		ug/dscm		107		89		97													
148	Zinc		ug/dscm		215848		243121		251057													
149	SVM		ug/dscm		12790		12910		18561													
150	LVM		ug/dscm		33004		33972		41956													
151																						
152	<b>323B2</b>				R1		R2		R3		R4		R5		R6		R1		R2		R3	
153																						
154	Feedstream Number				F1		F1		F1		F1		F1		F1		F2		F2		F2	
155	Feed Class				Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
156	Feed Class 2				RM		RM		RM		RM		RM		RM							
157	Feedstream Description				Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spiked metals		Spiked metals		Spiked metals	
158	Feed Rate		lb/hr		151000		151000		152400													
159	Heating Value		Btu/lb																			
160	Thermal Feedrate		MMBtu/hr																			
161	Chlorine		lb/hr		6.3118		6.20459		4.0005													
162	Antimony		lb/hr	nd	8.4258	nd	8.8939	nd	8.3058													
163	Arsenic		lb/hr		0.6161		0.6017		0.5669													
164	Barium		lb/hr		10.0566		9.3016		7.45236													
165	Beryllium		lb/hr	nd	0.04726	nd	0.04991	nd	0.10333													
166	Cadmium		lb/hr		0.03171		0.0391845		0.0166116													
167	Chromium		lb/hr		3.8958		3.4126		3.70332													
168	Copper		lb/hr		5.4662		5.20195		4.8006													
169	Iron		lb/hr		1887.5		1766.7		1615.44													
170	Lead		lb/hr		0.66742		0.637975		0.484632													
171	Mercury		lb/hr	nd	0.000485	nd	0.000637	nd	0.000572													
172	Nickel		lb/hr	nd	1.6459		2.718		4.66344													
173	Selenium		lb/hr		0.13968		0.17894		0.26213													
174	Silver		lb/hr	nd	0.63722	nd	0.67195	nd	0.62636													
175	Thallium		lb/hr		0.02039		0.03700		0.00605													
176	Zinc		lb/hr		5.3756		7.2329		4.191													
177																						
178	Stack Gas Flowrate		dscfm		50799		56471		55990								50799		56471		55990	
179	Oxygen		%		9		9		8.2								9		9		8.2	
180																						



	B	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
121	Selenium																						
122	Silver																						
123	Thallium																						
124	Zinc																						
125																							
126	Stack Gas Flowrate																						
127	Oxygen																						
128																							
129	Thermal Feedrate																						
130	Est Total Firing Rate																						
131																							
132	Feedrate MTEC Calculati																						
133	Chlorine																						
134	Antimony																						
135	Arsenic																						
136	Barium																						
137	Beryllium																						
138	Cadmium																						
139	Chromium																						
140	Copper																						
141	Iron																						
142	Lead																						
143	Mercury																						
144	Nickel																						
145	Selenium																						
146	Silver																						
147	Thallium																						
148	Zinc																						
149	SVM																						
150	LVM																						
151																							
152	<b>323B2</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6		R1		R2	
153																							
154	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3		F3			
155	Feed Class	Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike			
156	Feed Class 2																			Spike		Spike	
157	Feedstream Description	Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals			
158	Feed Rate																						
159	Heating Value																						
160	Thermal Feedrate																						
161	Chlorine																						
162	Antimony																						
163	Arsenic																						
164	Barium																						
165	Beryllium																						
166	Cadmium																						
167	Chromium																						
168	Copper																						
169	Iron																						
170	Lead																						
171	Mercury																						
172	Nickel																						
173	Selenium																						
174	Silver																						
175	Thallium																						
176	Zinc																						
177																							
178	Stack Gas Flowrate							50799		56471		55990											
179	Oxygen							9		9		8.2											
180																							

	B	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO
21	Selenium																						0.078
22	Silver																						0.006 nd
23	Thallium																				nd		0.009 nd
24	Zinc																						2.4
25																							
26	Stack Gas Flowrate																						64532
27	Oxygen																						8.75
28																							
29	Thermal Feedrate																						180
30	Est Total Firing Rate																						
31																							
32	Feedrate MTEC Calculati																						
33	Chlorine																						180410
34	Antimony																						213
35	Arsenic																						781
36	Barium																						1847
37	Beryllium																						78
38	Cadmium																				100		21 100
39	Chromium																						1136
40	Copper																						1563
41	Iron																						1868022
42	Lead																						4333
43	Mercury																						6
44	Nickel																						4688
45	Selenium																						369
46	Silver																						28 100
47	Thallium																				100		43 100
48	Zinc																						11364
49	SVM																						4354
50	LVM																						1996
51																							
52	<b>323B2</b>	R3	R4	R5	R6					R1	R2	R3	R4	R5	R6								R1
53																							
54	Feedstream Number									F4	F4	F4	F4	F4	F4	F4	F4	F4	F4	F4	F4	F4	F5
55	Feed Class									Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Coal
56	Feed Class 2	Spike	Spike	Spike	Spike					HW	HW	HW	HW	HW	HW	HW	HW	HW	HW	HW	HW	HW	Coal
57	Feedstream Description									Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Liquid haz waste	Coal
58	Feed Rate									13400	13200	13400	13400	13400	13400	13400	13400	13400	13400	13400	13400	13400	13400
59	Heating Value									12500	12500	12500	12500	12500	12500	12500	12500	12500	12500	12500	12500	12500	12500
60	Thermal Feedrate									167.5	165	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5
61	Chlorine									111.7962	114.708	119.26	119.26	119.26	119.26	119.26	119.26	119.26	119.26	119.26	119.26	119.26	119.26
62	Antimony									1.02108 nd	0.77484 nd	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241	0.8241
63	Arsenic									0.037654	0.052932	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356	0.031356
64	Barium									32.964	29.04	31.356	31.356	31.356	31.356	31.356	31.356	31.356	31.356	31.356	31.356	31.356	31.356
65	Beryllium								nd	0.0045962 nd	0.0043428 nd	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364	0.0046364
66	Cadmium									0.062712	0.078672	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967	0.046967
67	Chromium									1.8492	1.4784	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152	1.7152
68	Copper									3.4304	3.0624	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701	3.3701
69	Iron									43.818	34.584	40.803	40.803	40.803	40.803	40.803	40.803	40.803	40.803	40.803	40.803	40.803	40.803
70	Lead									2.881	3.696	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527	2.5527
71	Mercury									0.014472	0.02112	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548	0.0123548
72	Nickel								nd	0.15946 nd	0.15048 nd	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013	0.16013
73	Selenium									0.021574	0.025872	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073	0.028073
74	Silver								nd	0.061908 nd	0.058476 nd	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231	0.06231
75	Thallium								nd	0.006566 nd	0.0061116 nd	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052	0.0064052
76	Zinc									11.8054	10.9692	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523	11.8523
77																							
78	Stack Gas Flowrate									50799	56471	55990	55990	55990	55990	55990	55990	55990	55990	55990	55990	55990	50799
79	Oxygen									9	9	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	9
80																							

	B	BP	BQ	BR	BS	BT	BU	BV	BV	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG
121	Selenium	0.03328		0.02139															
122	Silver	0.00256 nd		0.00248															
123	Thallium	0.00512 nd		0.00496															
124	Zinc	2.112		3.968															
125																			
126	Stack Gas Flowrate	63776		60919															
127	Oxygen	9.7		9.65															
128																			
129	Thermal Feedrate	76.8		74.4															
130	Est Total Firing Rate																		
131																			
132	<i>Feedrate MTEC Calculati</i>																		
133	Chlorine	74795		95325															
134	Antimony	80		84															
135	Arsenic	312		403															
136	Barium	1562		1796															
137	Beryllium	37		40															
138	Cadmium	13 100		13															
139	Chromium	731		940															
140	Copper	931		990															
141	Iron	867623		911295															
142	Lead	2028		2668															
143	Mercury	1		3															
144	Nickel	2161		2400															
145	Selenium	173		116															
146	Silver	13 100		13															
147	Thallium	27 100		27															
148	Zinc	10970		21482															
149	SVM	2041		2682															
150	LVM	1080		1383															
151																			
152	<b>323B2</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
153																			
154	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
155	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
156	Feed Class 2	Coal		Coal		Coal		Coal		Coal									
157	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material n	
158	Feed Rate																		
159	Heating Value																		
160	Thermal Feedrate																		
161	Chlorine																		
162	Antimony																		
163	Arsenic																		
164	Barium																		
165	Beryllium																		
166	Cadmium																		
167	Chromium																		
168	Copper																		
169	Iron																		
170	Lead																		
171	Mercury																		
172	Nickel																		
173	Selenium																		
174	Silver																		
175	Thallium																		
176	Zinc																		
177																			
178	Stack Gas Flowrate	56471		55990								50799		56471		55990			
179	Oxygen	9		8.2								9		9		8.2			
180																			

	B	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	DI	DE	D	DG	I	DI
121	Selenium																							
122	Silver																							
123	Thallium																							
124	Zinc																							
125																								
126	Stack Gas Flowrate																							
127	Oxygen																							
128																								
129	Thermal Feedrate					180		76.8		74.4									110					
130	Est Total Firing Rate					251		229		220														
131																								
132	<i>Feedrate MTEC Calculati</i>																							
133	Chlorine					434177		320552		348280									367670					
134	Antimony				99	21506	100	23983	100	25019							99		23503					
135	Arsenic					4107		4021		4666									4265					
136	Barium					22994		25711		32859									27188					
137	Beryllium					1901		1240		1734									1625					
138	Cadmium				1.6	1363	1.6	808	0.9	1554							1.3		1242					
139	Chromium					28992		29791		36939									31908					
140	Copper					13303		13291		15543									14046					
141	Iron					7840294		7792898		9115324									8249505					
142	Lead					15781		14143		19689									16538					
143	Mercury					10	67	4	47	6							27		7					
144	Nickel					13657		11820		17038									14172					
145	Selenium					759		673		599									677					
146	Silver				98	1640	100	1814	100	3307							100		2254					
147	Thallium				28	150	23	116	22	124							25		130					
148	Zinc					227212		254091		272539									251281					
149	SVM					17144		14951		21243									17780					
150	LVM					35000		35052		43339									37797					
151																								
152	<b>323B2</b>		R5		R6		R1		R2		R3		R4		R5		R6		Cond Avg					
153																								
154	Feedstream Number		F6		F6		F7		F7		F7		F7		F7		F7		F7					
155	Feed Class		Raw Material		Raw Material		Total		Total		Total		Total		Total		Total		Total					
156	Feed Class 2						Total		Total		Total		Total		Total		Total		Total					
157	Feedstream Description		Raw material nr		Raw material m		Total		Total		Total		Total		Total		Total		Total					
158	Feed Rate																							
159	Heating Value																							
160	Thermal Feedrate					167.5		165		167.5									167					
161	Chlorine																							
162	Antimony																							
163	Arsenic																							
164	Barium																							
165	Beryllium																							
166	Cadmium																							
167	Chromium																							
168	Copper																							
169	Iron																							
170	Lead																							
171	Mercury																							
172	Nickel																							
173	Selenium																							
174	Silver																							
175	Thallium																							
176	Zinc																							
177																								
178	Stack Gas Flowrate																							
179	Oxygen																							
180																								

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
181	<i>Feedrate MTEC Calculations</i>																					
182	Chlorine	ug/dscm			65811		58196		35480								0		0		0	
183	Antimony	ug/dscm	100		87853	100	83420	100	73662								0		0		0	
184	Arsenic	ug/dscm			6424		5644		5028								0		0		0	
185	Barium	ug/dscm			104857		87244		66093								0		0		0	
186	Beryllium	ug/dscm	100		493	100	468	100	916								0		0		0	
187	Cadmium	ug/dscm			331		368		147								0		0		0	
188	Chromium	ug/dscm			40620		32008		32844								0		0		0	
189	Copper	ug/dscm			56995		48791		42575								0		0		0	
190	Iron	ug/dscm			19680423		16570666		14326968								0		0		0	
191	Lead	ug/dscm			6959		5984		4298								0		0		0	
192	Mercury	ug/dscm	100		5	100	6	100	5								0		0		0	
193	Nickel	ug/dscm	100		17161		25493		41359								0		0		0	
194	Selenium	ug/dscm			1456		1678		2325								0		0		0	
195	Silver	ug/dscm	100		6644	100	6303	100	5555								0		0		0	
196	Thallium	ug/dscm			213		347		54								0		0		0	
197	Zinc	ug/dscm			56050		67841		37169								0		0		0	
198	SVM	ug/dscm			7290		6351		4445								0		0		0	
199	LVM	ug/dscm			47537		38120		38788								0		0		0	
200																						
201	<b>323B3</b>				R1		R2		R3		R4		R5		R6		R1		R2		R3	
202																						
203	Feedstream Number				F1		F1		F1		F1		F1		F1		F2		F2		F2	
204	Feed Class				Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
205	Feed Class 2																					
206	Feedstream Description				Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spiked metals		Spiked metals		Spiked metals	
207	Feed Rate	lb/hr			160274.4		160274.4		160274.4													
208	Heating Value	Btu/lb																				
209	Chlorine	lb/hr			27.337		25.132		13.228													
210	Antimony	lb/hr			0.1477		0.1499		0.0265													
211	Arsenic	lb/hr			0.6173		0.6834		0.5952													
212	Barium	lb/hr			13.2276		12.1253		10.5821													
213	Beryllium	lb/hr			0.0639		0.0639		0.0617													
214	Cadmium	lb/hr			0.0060		0.0141		0.0134													
215	Chromium	lb/hr			3.307		2.425		2.161													
216	Lead	lb/hr			0.44092		0.573196		0.485012													
217	Mercury	lb/hr			0.000419		0.000353		0.000243													
218	Silver	lb/hr			0.059524		0.061729		0.001940													
219	Thallium	lb/hr			0.22046		0.1455036		0.2116416													
220																						
221	Stack Gas Flowrate	dscfm			58184		54495		54525													
222	Oxygen	%			7.6		7.5		7.4													
223																						
224	Thermal Feedrate	MMBtu/hr																				
225	Est Total Firing Rate	MMBtu/hr																				
226																						
227	<i>Feedrate MTEC Calculations</i>																					
228	Chlorine	ug/dscm			131247		127876		66772													
229	Antimony	ug/dscm			709		763		134													
230	Arsenic	ug/dscm			2964		3477		3005													
231	Barium	ug/dscm			63507		61695		53417													
232	Beryllium	ug/dscm			307		325		312													
233	Cadmium	ug/dscm			29		72		68													
234	Chromium	ug/dscm			15877		12339		10906													
235	Lead	ug/dscm			2117		2916		2448													
236	Mercury	ug/dscm			2		2		1													
237	Silver	ug/dscm			286		314		10													
238	Thallium	ug/dscm			1058		740		1068													
239	SVM	ug/dscm			2145		2988		2516													
240	LVM	ug/dscm			19147		16142		14222													

	B	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
181	<i>Feedrate MTEC Calculati</i>																						
182	Chlorine							0			0												
183	Antimony							0			0												
184	Arsenic							0			0												
185	Barium							0			0												
186	Beryllium							0			0												
187	Cadmium							0			0												
188	Chromium							0			0												
189	Copper							0			0												
190	Iron							0			0												
191	Lead							0			0												
192	Mercury							0			0												
193	Nickel							0			0												
194	Selenium							0			0												
195	Silver							0			0												
196	Thallium							0			0												
197	Zinc							0			0												
198	SVM							0			0												
199	LVM							0			0												
200																							
201	<b>323B3</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6		R1		R2	
202																							
203	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3		F3			
204	Feed Class	Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Raw Material	Raw Material
205	Feed Class 2							Spike		Spike		Spike		Spike		Spike		Spike		Spike			
206	Feedstream Description	Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Raw Material	Raw Material
207	Feed Rate							36.905004		37.059326		36.287716											
208	Heating Value							0		0		0											
209	Chlorine																						
210	Antimony																						
211	Arsenic							7.618		7.535		7.833											
212	Barium																						
213	Beryllium							0.626		0.621		0.547											
214	Cadmium							2.153		1.815		1.846											
215	Chromium							8.532		8.081		7.509											
216	Lead							17.631		18.643		18.29											
217	Mercury																						
218	Silver																						
219	Thallium																						
220																							
221	Stack Gas Flowrate							58184		54495		54525											
222	Oxygen							7.6		7.5		7.4											
223																							
224	Thermal Feedrate																						
225	Est Total Firing Rate																						
226																							
227	<i>Feedrate MTEC Calculati</i>																						
228	Chlorine							0		0		0									136539	133261	
229	Antimony							0		0		0									1016	1054	
230	Arsenic							36575		38339		39540									3641	4352	
231	Barium							0		0		0									79383	80764	
232	Beryllium							3005		3160		2761									348	381	
233	Cadmium							10337		9235		9318									34	81	
234	Chromium							40963		41117		37905									18946	16153	
235	Lead							84648		94857		92326									7092	9871	
236	Mercury							0		0		0									2	2	
237	Silver							0		0		0									305	344	
238	Thallium							0		0		0									1418	1054	
239	SVM							94984		104092		101645									7125	9952	
240	LVM							80543		82616		80206									22935	20886	

	B	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO
81	<i>Feedrate MTEC Calculati</i>																						
82										1165667		1075897		1057690									0
83										10647	100	7268	100	7309									0
84										393		496		278									0
85										343706		272379		278089									0
86									100	48	100	41	100	41									0
87										654		738		417									0
88										19281		13867		15212									0
89										35768		28724		29889									0
90										456878		324379		361872									0
91										30039		34666		22639									0
92										151		198		110									0
93									100	1663	100	1411	100	1420									0
94										225		243		249									0
95									100	645	100	548	100	553									0
96									100	68	100	57	100	57									0
97										123092		102885		105115									0
98										30693		35404		23056									0
99										19722		14404		15531									0
00																							
01	<b>323B3</b>	R3		R4		R5		R6		R1		R2		R3		R4		R5		R6		R1	
02																							
03	Feedstream Number									F4		F4		F4		F4		F4		F4		F4	F5
04	Feed Class	Raw Material		Raw Material		Raw Material		Raw Material		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW	Coal
05	Feed Class 2									HW		HW		HW		HW		HW		HW		HW	Coal
06	Feedstream Description	Raw Material		Raw Material		Raw Material		Raw Material		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste	Coal
07	Feed Rate									16975		16931		16865									
08	Heating Value									11782		11812		11918									
09	Chlorine									815.702		749.564		683.426									
10	Antimony									0.200619		0.194005		0.242506									
11	Arsenic									0.418874		0.308644		0.374782									
12	Barium									57.3196		52.9104		55.115									
13	Beryllium									0.02050		0.01896		0.02006									
14	Cadmium									0.5732		0.5291		0.5732									
15	Chromium									5.0706		4.6297		5.0706									
16	Lead									4.6297		4.4092		4.6297									
17	Mercury									0.0220		0.0243		0.0216									
18	Silver									0.05952		0.05732		0.06173									
19	Thallium									0.07275		0.06834		0.07496									
20																							
21	Stack Gas Flowrate									58184		54495		54525									
22	Oxygen									7.6		7.5		7.4									
23																							
24	Thermal Feedrate									200		200		201									
25	Est Total Firing Rate																						
26																							
27	<i>Feedrate MTEC Calculati</i>																						
28	Chlorine	79013								3916241		3813858		3449873									
29	Antimony	412								963		987		1224									
30	Arsenic	4084								2011		1570		1892									
31	Barium	73449								275195		269213		278216									
32	Beryllium	381								98		96		101									
33	Cadmium	75								2752		2692		2893									
34	Chromium	14912								24344		23556		25596									
35	Lead	7567								22227		22434		23370									
36	Mercury	1								106		123		109									
37	Silver	35								286		292		312									
38	Thallium	1380								349		348		378									
39	SVM	7642								24979		25127		26264									
40	LVM	19377								26454		25223		27589									

	B	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	
181	<i>Feedrate MTEC Calculati</i>																			
182	Chlorine		0		0								0		0			0		
183	Antimony		0		0								0		0			0		
184	Arsenic		0		0								0		0			0		
185	Barium		0		0								0		0			0		
186	Beryllium		0		0								0		0			0		
187	Cadmium		0		0								0		0			0		
188	Chromium		0		0								0		0			0		
189	Copper		0		0								0		0			0		
190	Iron		0		0								0		0			0		
191	Lead		0		0								0		0			0		
192	Mercury		0		0								0		0			0		
193	Nickel		0		0								0		0			0		
194	Selenium		0		0								0		0			0		
195	Silver		0		0								0		0			0		
196	Thallium		0		0								0		0			0		
197	Zinc		0		0								0		0			0		
198	SVM		0		0								0		0			0		
199	LVM		0		0								0		0			0		
200																				
201	<b>323B3</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4		
202																				
203	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6		
204	Feed Class	Coal		Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material
205	Feed Class 2	Coal		Coal		Coal		Coal		Coal		Coal								
206	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material n
207	Feed Rate												6415		7297			7848		
208	Heating Value																			
209	Chlorine												1.1023		1.058208			2.42506		
210	Antimony												0.06393		0.05732			0.05512		
211	Arsenic												0.14109		0.17196			0.21385		
212	Barium												3.3069		3.74782			3.96828		
213	Beryllium												0.008598		0.011023			0.013669		
214	Cadmium												0.001058		0.001852			0.001345		
215	Chromium												0.639334		0.749564			0.793656		
216	Lead												1.0362		1.3669			1.0141		
217	Mercury												1.080E-05		1.257E-05			5.732E-06		
218	Silver												3.968E-03		5.952E-03			5.071E-03		
219	Thallium												0.07496		0.06173			0.06173		
220																				
221	Stack Gas Flowrate												58184		54495			54525		
222	Oxygen												7.6		7.5			7.4		
223																				
224	Thermal Feedrate												0		0			0		
225	Est Total Firing Rate																			
226																				
227	<i>Feedrate MTEC Calculati</i>																			
228	Chlorine												5292		5384			12241		
229	Antimony												307		292			278		
230	Arsenic												677		875			1079		
231	Barium												15877		19069			20032		
232	Beryllium												41		56			69		
233	Cadmium												5		9			7		
234	Chromium												3069		3814			4006		
235	Lead												4975		6955			5119		
236	Mercury												0		0			0		
237	Silver												19		30			26		
238	Thallium												360		314			312		
239	SVM												4980		6964			5126		
240	LVM												3788		4745			5155		



	B	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	DI	DE	DJ	DG	DI	
181	<i>Feedrate MTEC Calculati</i>																							
182	Chlorine					1231478		1134093		1093169								1152914						
183	Antimony				89	98500	100	90687	100	80971							96	90053						
184	Arsenic					6816		6140		5306								6088						
185	Barium					448564		359623		344182								384123						
186	Beryllium				100	541	100	509	100	958							100	669						
187	Cadmium					985		1105		564								885						
188	Chromium					59901		45875		48056								51277						
189	Copper					92762		77515		72464								80914						
190	Iron					20137301		16895045		14688840								17240396						
191	Lead					36998		40650		26937								34862						
192	Mercury				3.2	156	2.9	204	4.4	115							3.4	158						
193	Nickel				100	18824	5.2	26905	3.3	42779							24	29503						
194	Selenium					1681		1921		2574								2059						
195	Silver				100	7290	100	6851	100	6108							100	6749						
196	Thallium				24	281	14	404	51	110							23	265						
197	Zinc					179141		170726		142284								164050						
198	SVM					37983		41756		27501								35747						
199	LVM					67258		52524		54319								58034						
200																								
201	<b>323B3</b>	R5		R6		R1		R2		R3		R4		R5		R6		Cond Avg		R1		R2		R3
202																								
203	Feedstream Number	F6		F6		F7		F7		F7		F7		F7		F7		F7						
204	Feed Class	Raw Material		Raw Material		Total		Total		Total		Total		Total		Total		Total						
205	Feed Class 2					Total		Total		Total		Total		Total		Total		Total		RM		RM		RM
206	Feedstream Description	Raw material n		Raw material m		Total		Total		Total		Total		Total		Total		Total						
207	Feed Rate																							
208	Heating Value																							
209	Chlorine																							
210	Antimony																							
211	Arsenic																							
212	Barium																							
213	Beryllium																							
214	Cadmium																							
215	Chromium																							
216	Lead																							
217	Mercury																							
218	Silver																							
219	Thallium																							
220																								
221	Stack Gas Flowrate																							
222	Oxygen																							
223																								
224	Thermal Feedrate					200		200		201								200						
225	Est Total Firing Rate					248		234		235								239						
226																								
227	<i>Feedrate MTEC Calculati</i>																							
228	Chlorine					4052780		3947118		3528886								3842928		273078		266521		158026
229	Antimony					1979		2042		1636								1886		2032		2109		824
230	Arsenic					42227		44262		45516								44002		7282		8705		8168
231	Barium					354579		349978		351664								352074		158767		161528		146898
232	Beryllium					3452		3638		3243								3444		696		763		761
233	Cadmium					13122		12008		12287								12472		67		162		149
234	Chromium					84253		80826		78413								81164		37892		32306		29825
235	Lead					113967		127163		123264								121464		14183		19742		15135
236	Mercury					108		125		110								114		4		4		3
237	Silver					591		636		347								525		610		689		71
238	Thallium					1768		1402		1758								1643		2837		2109		2760
239	SVM					127089		139171		135550								133937		14250		19905		15284
240	LVM					129932		128725		127172								128610		45871		41773		38754

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
241																						
242	<b>323B4</b>				R1		R2		R3		R4		R5		R6		R1		R2		R3	
243																						
244	Feedstream Number				F1		F1		F1		F1		F1		F1		F2		F2		F2	
245	Feed Class				Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
246	Feedstream Description				Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spiked metals		Spiked metals		Spiked metals	
247	Feed Rate		lb/hr																			
248	Heating Value		Btu/lb																			
249	Chlorine		lb/hr		6.173		7.055		17.416													
250																						
251	<b>323B5</b>				R1		R2		R3		R4		R5		R6		R1		R2		R3	
252																						
253	Feedstream Number				F1		F1		F1		F1		F1		F1		F2		F2		F2	
254	Feed Class				Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Raw Material		Spike		Spike		Spike	
255	Feedstream Description				Raw material		Raw material		Raw material		Raw material		Raw material		Raw material		Spiked metals		Spiked metals		Spiked metals	
256	Feed Rate		lb/hr																			
257	Heating Value		Btu/lb																			
258	Chlorine		lb/hr		22.0		17.6		11.7													

	B	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
241																							
242	<b>323B4</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6					
243																							
244	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3					
245	Feed Class	Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike					
246	Feedstream Description	Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals					
247	Feed Rate																						
248	Heating Value																						
249	Chlorine																						
250																							
251	<b>323B5</b>	R4		R5		R6		R1		R2		R3		R4		R5		R6					
252																							
253	Feedstream Number	F2		F2		F2		F3		F3		F3		F3		F3		F3					
254	Feed Class	Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike		Spike					
255	Feedstream Description	Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals		Spiked metals					
256	Feed Rate																						
257	Heating Value																						
258	Chlorine																						

	B	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO
41																							
42	<b>323B4</b>									R1		R2		R3		R4		R5		R6		R1	
43																							
44	Feedstream Number									F4		F4		F4		F4		F4		F4		F5	
45	Feed Class									Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Coal	
46	Feedstream Description									Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Coal	
47	Feed Rate									14352		14396		14220									
48	Heating Value									11915		12017		12026									
49	Chlorine									507		705		750									
50																							
51	<b>323B5</b>									R1		R2		R3		R4		R5		R6		R1	
52																							
53	Feedstream Number									F4		F4		F4		F4		F4		F4		F5	
54	Feed Class									Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Coal	
55	Feedstream Description									Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Liquid haz waste		Coal	
56	Feed Rate									11111		11310		11310									4409
57	Heating Value									9810		9992		11937									10841
58	Chlorine									167.5		264.6		191.8									7.94

	B	BP	BQ	BR	BS	BT	BU	BV	BV	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG
241																			
242	<b>323B4</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
243																			
244	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
245	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
246	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln	
247	Feed Rate																		
248	Heating Value																		
249	Chlorine																		
250																			
251	<b>323B5</b>	R2		R3		R4		R5		R6		R1		R2		R3		R4	
252																			
253	Feedstream Number	F5		F5		F5		F5		F5		F6		F6		F6		F6	
254	Feed Class	Coal		Coal		Coal		Coal		Coal		Raw Material		Raw Material		Raw Material		Raw Material	
255	Feedstream Description	Coal		Coal		Coal		Coal		Coal		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln		Raw material mid kiln	
256	Feed Rate		4894			4541													
257	Heating Value		9624			10966													
258	Chlorine		7.28			6.17													

	B	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	DI	DE	DJ	DG	DI
241																							
242	<b>323B4</b>	R5		R6		R1		R2		R3		R4		R5		R6		Cond Avg					
243																							
244	Feedstream Number	F6		F6		F7		F7		F7		F7		F7		F7		F7					
245	Feed Class	Raw Material		Raw Material		Total		Total		Total		Total		Total		Total		Total					
246	Feedstream Description	Raw material r		Raw material m		Total		Total		Total		Total		Total		Total		Total					
247	Feed Rate																						
248	Heating Value																						
249	Chlorine																						
250																							
251	<b>323B5</b>	R5		R6		R1		R2		R3		R4		R5		R6		Cond Avg					
252																							
253	Feedstream Number	F6		F6		F7		F7		F7		F7		F7		F7		F7					
254	Feed Class	Raw Material		Raw Material		Total		Total		Total		Total		Total		Total		Total					
255	Feedstream Description	Raw material r		Raw material m		Total		Total		Total		Total		Total		Total		Total					
256	Feed Rate																						
257	Heating Value																						
258	Chlorine																						

	C	D	E	F	G	H	I	J	K	L	M
1	<b>Process Information 2</b>										
2											
3	<b>323C1</b>										
4											
5	Combustion Temperature	F	2976	3053	2795	3002	3011	2911			
6	ESP Temperature	F	470	481	511	496	500	487			
7	ESP Power	kVA	38	38	78	60	64	39			
8											
9	<b>323C2</b>										
10											
11	ESP Temperature	F	351	354							
12											
13	<b>323C3</b>										
14											
15	ESP Temperature	F	354	356							
16											
17	<b>323C4</b>										
18											
19	ESP Temperature	F	355	360							
20											
21	<b>323C5</b>										
22											
23	ESP Temperature	F	354	360							
24											
25	<b>323C6</b>										
26											
27	Combustion Temperature	F	1719	1700							
28	ESP Temperature	F	360	359							
29											
30	<b>323C7</b>										
31											
32	Combustion Temperature	F	1675	1648							
33	ESP Temperature	F	400	399							
34											
35	<b>323C8</b>										
36											
37	Combustion Temperature	F	2633	2628	2613						
38	ESP Temperature	F	406	410	422						
39											
40	<b>323C9</b>										
41											
42	Combustion Temperature	F	2688	2686	2715						
43	ESP Temperature	F	413.2	412.6	405.5						
44											
45	<b>323B1</b>										
46											
47	Combustion Temperature	F	2763	2800	2803						
48	ESP Temperature	F	406.6	405.2	399.9						
49											
50	<b>323B2</b>										
51											
52	Combustion Temperature	F	2737	2744	2745						
53	ESP Temperature	F	357.8	356.4	362						
54											
55	<b>323B3</b>										
56											
57	Combustion Temperature	F	2964	3011	3036	2779	2969	3020	2973	3017	3040
58	ESP Temperature	F	424	431	430	394	426	431	427	430	430
59	ESP Power	kVA	71	92	90						
60											
61	<b>323B4</b>										
62											
63	Combustion Temperature	F	2174	2388	2309	2216	2355				
64	ESP Temperature	F	397	390	388	396	387				
65	ESP Power	kVA	72	69	69						
66											
67	<b>323B5</b>										
68											
69	Combustion Temperature	F	2693	2498	2623						
70	ESP Temperature	F	396	400	388						
71	ESP Power	kVA	113	124	120						

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<b>323C1</b>	I-TEF			R1				R2				R3	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4														
5	4D 2378	1		0.0000				0.2885	0.2885	0.2885		0.0000		
6	4D Other	0		32.1514	32.1514	0.0000		95.7010	95.7010	0.0000		35.7644	35.7644	0.0000
7	4D Total	0		32.1514	32.1514	0.0000		95.9895	95.9895	0.0000		35.7644	35.7644	0.0000
8	5D 12378	0.5		0.4367	0.4367	0.2184		1.3900	1.3900	0.6950		0.4854	0.4854	0.2427
9	5D Other	0		45.2538	45.2538	0.0000		162.5264	162.5264	0.0000		46.7748	46.7748	0.0000
10	5D Total	0		45.6906	45.6906	0.0000		163.9165	163.9165	0.0000		47.2601	47.2601	0.0000
11	6D 123478	0.1		0.8399	0.8399	0.0840		1.9670	1.9670	0.1967		0.6387	0.6387	0.0639
12	6D 123678	0.1		1.6462	1.6462	0.1646		3.7242	3.7242	0.3724		1.0985	1.0985	0.1098
13	6D 123789	0.1		0.8399	0.8399	0.0840		2.2030	2.2030	0.2203		0.7153	0.7153	0.0715
14	6D Other	0		119.6354	119.6354	0.0000		343.5427	343.5427	0.0000		91.8124	91.8124	0.0000
15	6D Total	0		122.9614	122.9614	0.0000		351.4369	351.4369	0.0000		94.2648	94.2648	0.0000
16	7D 1234678	0.01		8.8693	8.8693	0.0887		20.2994	20.2994	0.2030		6.0289	6.0289	0.0603
17	7D Other	0		15.4542	15.4542	0.0000		32.6784	32.6784	0.0000		9.8352	9.8352	0.0000
18	7D Total	0		24.3235	24.3235	0.0000		52.9778	52.9778	0.0000		15.8641	15.8641	0.0000
19	8D	0.001		3.4268	3.4268	0.0034		7.2386	7.2386	0.0072		2.7334	2.7334	0.0027
20	4F 2378	0.1		0.7391	0.7391	0.0739		1.9670	1.9670	0.1967		0.7664	0.7664	0.0766
21	4F Other	0		47.6391	47.6391	0.0000		115.0038	115.0038	0.0000		39.3409	39.3409	0.0000
22	4F Total	0		48.3783	48.3783	0.0000		116.9708	116.9708	0.0000		40.1072	40.1072	0.0000
23	5F 12378	0.05		1.1759	1.1759	0.0588		3.5144	3.5144	0.1757		0.9963	0.9963	0.0498
24	5F 23478	0.5		3.6956	3.6956	1.8478		8.8908	8.8908	4.4454		2.5291	2.5291	1.2645
25	5F Other	0		37.1236	37.1236	0.0000		82.2730	82.2730	0.0000		24.8307	24.8307	0.0000
26	5F Total	0		41.9950	41.9950	0.0000		94.6781	94.6781	0.0000		28.3561	28.3561	0.0000
27	6F 123478	0.1		4.0315	4.0315	0.4032		11.5659	11.5659	1.1566		2.7845	2.7845	0.2785
28	6F 123678	0.1		1.4782	1.4782	0.1478		3.8291	3.8291	0.3829		0.9197	0.9197	0.0920
29	6F 123789	0.1		0.3696	0.3696	0.0370		0.8655	0.8655	0.0865		0.1788	0.1788	0.0179
30	6F 234678	0.1		3.5276	3.5276	0.3528		8.8646	8.8646	0.8865		2.0692	2.0692	0.2069
31	6F Other	0		11.4898	11.4898	0.0000		26.8036	26.8036	0.0000		6.3865	6.3865	0.0000
32	6F Total	0		20.8967	20.8967	0.0000		51.9287	51.9287	0.0000		12.3387	12.3387	0.0000
33	7F 1234678	0.01		2.1837	2.1837	0.0218		5.0880	5.0880	0.0509		1.4817	1.4817	0.0148
34	7F 1234789	0.01		0.8399	0.8399	0.0084		1.9932	1.9932	0.0199		0.4343	0.4343	0.0043
35	7F Other	0		2.3181	2.3181	0.0000		5.4814	5.4814	0.0000		1.3028	1.3028	0.0000
36	7F Total	0		5.3418	5.3418	0.0000		12.5626	12.5626	0.0000		3.2188	3.2188	0.0000
37	8F	0.001		0.5039	0.5039	0.0005		1.4687	1.4687	0.0015		0.1686	0.1686	0.0002
38	Total PCDD/PCDF			345.6694	345.6694			949.1681	949.1681			280.0763	280.0763	
39	TEQ		0.0	3.5950		3.5950	0.0	9.3858		9.3858	0.0	2.5565		2.5565



	C	D	E	F	G	H	I	J	K	L
1	323C2	I-TEF			R1				R2	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4										
5	4D 2378	1	2	0.0006	0.0006	0.0006	1	0.0021	0.0011	0.0011
6	4D Other	0		0.1754	0.1754	0.0000		0.1397	0.1397	0.0000
7	4D Total	0		0.1759	0.1759	0.0000		0.1418	0.1418	0.0000
8	5D 12378	0.5		0.0076	0.0076	0.0038	2	0.0064	0.0064	0.0032
9	5D Other	0		0.3366	0.3366	0.0000		0.3323	0.3323	0.0000
10	5D Total	0		0.3442	0.3442	0.0000		0.3387	0.3387	0.0000
11	6D 123478	0.1		0.0096	0.0096	0.0010		0.0085	0.0085	0.0008
12	6D 123678	0.1		0.0344	0.0344	0.0034		0.0360	0.0360	0.0036
13	6D 123789	0.1		0.0249	0.0249	0.0025		0.0275	0.0275	0.0028
14	6D Other	0		0.6579	0.6579	0.0000		0.7324	0.7324	0.0000
15	6D Total	0		0.7267	0.7267	0.0000		0.8044	0.8044	0.0000
16	7D 1234678	0.01		0.1912	0.1912	0.0019		0.2117	0.2117	0.0021
17	7D Other	0		0.3251	0.3251	0.0000		0.3599	0.3599	0.0000
18	7D Total	0		0.5164	0.5164	0.0000		0.5715	0.5715	0.0000
19	8D	0.001		0.2104	0.2104	0.0002		0.2540	0.2540	0.0003
20	4F 2378	0.1		0.0669	0.0669	0.0067		0.0741	0.0741	0.0074
21	4F Other	0		0.3538	0.3538	0.0000		0.3493	0.3493	0.0000
22	4F Total	0		0.4207	0.4207	0.0000		0.4234	0.4234	0.0000
23	5F 12378	0.05	2	0.0057	0.0057	0.0003		0.0064	0.0064	0.0003
24	5F 23478	0.5	2	0.0153	0.0153	0.0076		0.0148	0.0148	0.0074
25	5F Other	0		0.1626	0.1626	0.0000		0.1715	0.1715	0.0000
26	5F Total	0		0.1836	0.1836	0.0000		0.1926	0.1926	0.0000
27	6F 123478	0.1		0.0249	0.0249	0.0025		0.0296	0.0296	0.0030
28	6F 123678	0.1		0.0000				0.0169	0.0169	0.0017
29	6F 123789	0.1		0.0019	0.0019	0.0002		0.0021	0.0021	0.0002
30	6F 234678	0.1		0.0249	0.0249	0.0025		0.0296	0.0296	0.0030
31	6F Other	0		0.0612	0.0612	0.0000		0.0275	0.0275	0.0000
32	6F Total	0		0.1128	0.1128	0.0000		0.1058	0.1058	0.0000
33	7F 1234678	0.01		0.0268	0.0268	0.0003		0.0275	0.0275	0.0003
34	7F 1234789	0.01		0.0057	0.0057	0.0001	2	0.0085	0.0085	0.0001
35	7F Other	0		0.0107	0.0107	0.0000		0.0148	0.0148	0.0000
36	7F Total	0		0.0432	0.0432	0.0000		0.0508	0.0508	0.0000
37	8F	0.001	2	0.0096	0.0096	0.0000		0.0064	0.0064	0.0000
38	Total PCDD/PCDF			2.7436	2.7436			2.8894	2.8894	
39	TEQ		0.0	0.0335		0.0335	5.5	0.0382		0.0371

	C	D	E	F	G	H	I	J	K	L
1	323C3	I-TEF			R1				R2	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4										
5	4D 2378	1	1	0.0008	0.0004	0.0004	1	0.0016	0.0008	0.0008
6	4D Other	0		0.2735	0.2735	0.0000		0.3797	0.3797	0.0000
7	4D Total	0		0.2743	0.2743	0.0000		0.3813	0.3813	0.0000
8	5D 12378	0.5	2	0.0098	0.0098	0.0049		0.0100	0.0100	0.0050
9	5D Other	0		0.4213	0.4213	0.0000		0.4515	0.4515	0.0000
10	5D Total	0		0.4311	0.4311	0.0000		0.4616	0.4616	0.0000
11	6D 123478	0.1		0.0098	0.0098	0.0010		0.0100	0.0100	0.0010
12	6D 123678	0.1		0.0235	0.0235	0.0024		0.0241	0.0241	0.0024
13	6D 123789	0.1		0.0216	0.0216	0.0022		0.0201	0.0201	0.0020
14	6D Other	0		0.8464	0.8464	0.0000		1.0897	1.0897	0.0000
15	6D Total	0		0.9013	0.9013	0.0000		1.1438	1.1438	0.0000
16	7D 1234678	0.01		0.1861	0.1861	0.0019		0.2207	0.2207	0.0022
17	7D Other	0		0.2841	0.2841	0.0000		0.2809	0.2809	0.0000
18	7D Total	0		0.4702	0.4702	0.0000		0.5017	0.5017	0.0000
19	8D	0.001		0.1332	0.1332	0.0001		0.1405	0.1405	0.0001
20	4F 2378	0.1		0.0980	0.0980	0.0098		0.1064	0.1064	0.0106
21	4F Other	0		0.5290	0.5290	0.0000		0.4957	0.4957	0.0000
22	4F Total	0		0.6270	0.6270	0.0000		0.6020	0.6020	0.0000
23	5F 12378	0.05		0.0078	0.0078	0.0004		0.0080	0.0080	0.0004
24	5F 23478	0.5		0.0157	0.0157	0.0078	2	0.0161	0.0161	0.0080
25	5F Other	0		0.1274	0.1274	0.0000		0.1304	0.1304	0.0000
26	5F Total	0		0.1509	0.1509	0.0000		0.1545	0.1545	0.0000
27	6F 123478	0.1		0.0196	0.0196	0.0020		0.0161	0.0161	0.0016
28	6F 123678	0.1		0.0098	0.0098	0.0010		0.0080	0.0080	0.0008
29	6F 123789	0.1	2	0.0012	0.0012	0.0001	1	0.0016	0.0008	0.0001
30	6F 234678	0.1		0.0157	0.0157	0.0016		0.0140	0.0140	0.0014
31	6F Other	0		0.0145	0.0145	0.0000		-0.0016	-0.0016	0.0000
32	6F Total	0		0.0607	0.0607	0.0000		0.0381	0.0381	0.0000
33	7F 1234678	0.01		0.0176	0.0176	0.0002		0.0080	0.0080	0.0001
34	7F 1234789	0.01		0.0059	0.0059	0.0001		0.0040	0.0040	0.0000
35	7F Other	0		0.0098	0.0098	0.0000		0.0120	0.0120	0.0000
36	7F Total	0		0.0333	0.0333	0.0000		0.0241	0.0241	0.0000
37	8F	0.001	2	0.0098	0.0098	0.0000	2	0.0120	0.0120	0.0000
38	Total PCDD/PCDF			3.0918	3.0918			3.4596	3.4596	
39	TEQ		2.2	0.0361		0.0357	4.7	0.0376		0.0367

	C	D	E	F	G	H	I	J	K	L
1	<b>323C4</b>	I-TEF			R1				R2	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4										
5	4D 2378	1	1	0.0019	0.0009	0.0009	1	0.0019	0.0009	0.0009
6	4D Other	0		0.2793	0.2793	0.0000		0.4056	0.4056	0.0000
7	4D Total	0		0.2812	0.2812	0.0000		0.4075	0.4075	0.0000
8	5D 12378	0.5		0.0075	0.0075	0.0037		0.0093	0.0093	0.0046
9	5D Other	0		0.4424	0.4424	0.0000		0.5279	0.5279	0.0000
10	5D Total	0		0.4499	0.4499	0.0000		0.5371	0.5371	0.0000
11	6D 123478	0.1		0.0094	0.0094	0.0009		0.0074	0.0074	0.0007
12	6D 123678	0.1		0.0019	0.0019	0.0002		0.0204	0.0204	0.0020
13	6D 123789	0.1		0.0019	0.0019	0.0002		0.0167	0.0167	0.0017
14	6D Other	0		0.9430	0.9430	0.0000		1.0298	1.0298	0.0000
15	6D Total	0		0.9561	0.9561	0.0000		1.0742	1.0742	0.0000
16	7D 1234678	0.01		0.1650	0.1650	0.0016		0.1852	0.1852	0.0019
17	7D Other	0		0.2287	0.2287	0.0000		0.2593	0.2593	0.0000
18	7D Total	0		0.3937	0.3937	0.0000		0.4445	0.4445	0.0000
19	8D	0.001		0.0844	0.0844	0.0001		0.1500	0.1500	0.0002
20	4F 2378	0.1		0.1087	0.1087	0.0109		0.0926	0.0926	0.0093
21	4F Other	0		0.6787	0.6787	0.0000		0.5556	0.5556	0.0000
22	4F Total	0		0.7874	0.7874	0.0000		0.6482	0.6482	0.0000
23	5F 12378	0.05	2	0.0075	0.0075	0.0004	2	0.0074	0.0074	0.0004
24	5F 23478	0.5		0.0206	0.0206	0.0103	2	0.0167	0.0167	0.0083
25	5F Other	0		0.1500	0.1500	0.0000		0.1056	0.1056	0.0000
26	5F Total	0		0.1781	0.1781	0.0000		0.1296	0.1296	0.0000
27	6F 123478	0.1		0.0187	0.0187	0.0019	2	0.0130	0.0130	0.0013
28	6F 123678	0.1		0.0075	0.0075	0.0007		0.0074	0.0074	0.0007
29	6F 123789	0.1	2	0.0019	0.0019	0.0002	1	0.0019	0.0009	0.0001
30	6F 234678	0.1		0.0131	0.0131	0.0013	2	0.0074	0.0074	0.0007
31	6F Other	0		0.0244	0.0244	0.0000		-0.0037	-0.0037	0.0000
32	6F Total	0		0.0656	0.0656	0.0000		0.0259	0.0259	0.0000
33	7F 1234678	0.01		0.0131	0.0131	0.0001		0.0111	0.0111	0.0001
34	7F 1234789	0.01	2	0.0019	0.0019	0.0000	1	0.0037	0.0019	0.0000
35	7F Other	0		0.0019	0.0019	0.0000		0.0000		
36	7F Total	0		0.0169	0.0169	0.0000		0.0148	0.0148	0.0000
37	8F	0.001	2	0.0075	0.0075	0.0000	2	0.0130	0.0130	0.0000
38	Total PCDD/PCDF			3.2208	3.2208			3.4449	3.4449	
39	TEQ		5.4	0.0345		0.0336	6.1	0.0340		0.0330

	C	D	E	F	G	H	I	J	K	L
1	<b>323C5</b>	I-TEF			R1				R2	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4										
5	4D 2378	1	1	0.0006	0.0003	0.0003	1	0.0018	0.0009	0.0009
6	4D Other	0		0.1761	0.1761	0.0000		0.3974	0.3974	0.0000
7	4D Total	0		0.1767	0.1767	0.0000		0.3992	0.3992	0.0000
8	5D 12378	0.5	2	0.0074	0.0074	0.0037	2	0.0145	0.0145	0.0073
9	5D Other	0		0.0316	0.0316	0.0000		0.5843	0.5843	0.0000
10	5D Total	0		0.0391	0.0391	0.0000		0.5988	0.5988	0.0000
11	6D 123478	0.1		0.0074	0.0074	0.0007		0.0109	0.0109	0.0011
12	6D 123678	0.1		0.0186	0.0186	0.0019		0.0272	0.0272	0.0027
13	6D 123789	0.1		0.0167	0.0167	0.0017		0.0218	0.0218	0.0022
14	6D Other	0		0.8498	0.8498	0.0000		1.6277	1.6277	0.0000
15	6D Total	0		0.8926	0.8926	0.0000		1.6876	1.6876	0.0000
16	7D 1234678	0.01		0.1804	0.1804	0.0018		0.2722	0.2722	0.0027
17	7D Other	0		0.2473	0.2473	0.0000		0.3629	0.3629	0.0000
18	7D Total	0		0.4277	0.4277	0.0000		0.6351	0.6351	0.0000
19	8D	0.001		0.0911	0.0911	0.0001		0.0980	0.0980	0.0001
20	4F 2378	0.1		0.0874	0.0874	0.0087		0.1125	0.1125	0.0113
21	4F Other	0		0.4891	0.4891	0.0000		0.6496	0.6496	0.0000
22	4F Total	0		0.5765	0.5765	0.0000		0.7621	0.7621	0.0000
23	5F 12378	0.05	2	0.0056	0.0056	0.0003	2	0.0091	0.0091	0.0005
24	5F 23478	0.5	2	0.0149	0.0149	0.0074		0.0218	0.0218	0.0109
25	5F Other	0		0.0725	0.0725	0.0000		0.1506	0.1506	0.0000
26	5F Total	0		0.0930	0.0930	0.0000		0.1815	0.1815	0.0000
27	6F 123478	0.1		0.0149	0.0149	0.0015		0.0163	0.0163	0.0016
28	6F 123678	0.1		0.0056	0.0056	0.0006		0.0073	0.0073	0.0007
29	6F 123789	0.1	2	0.0007	0.0007	0.0001	1	0.0018	0.0009	0.0001
30	6F 234678	0.1		0.0130	0.0130	0.0013	2	0.0109	0.0109	0.0011
31	6F Other	0		0.0048	0.0048	0.0000		-0.0073	-0.0073	0.0000
32	6F Total	0		0.0391	0.0391	0.0000		0.0290	0.0290	0.0000
33	7F 1234678	0.01		0.0093	0.0093	0.0001		0.0109	0.0109	0.0001
34	7F 1234789	0.01	1	0.0019	0.0009	0.0000		0.0018	0.0018	0.0000
35	7F Other	0		0.0056	0.0056	0.0000		0.0073	0.0073	0.0000
36	7F Total	0		0.0167	0.0167	0.0000		0.0200	0.0200	0.0000
37	8F	0.001	2	0.0037	0.0037	0.0000	2	0.0091	0.0091	0.0000
38	Total PCDD/PCDF			2.3561	2.3561			4.4204	4.4204	
39	TEQ		1.9	0.0304		0.0302	4.5	0.0442		0.0432

	C	D	E	F	G	H	I	J	K	L
1	<b>323C6</b>	I-TEF			R1				R2	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4										
5	4D 2378	1		0.0049	0.0049	0.0049		0.0023	0.0023	0.0023
6	4D Other	0		0.4365	0.4365	0.0000		0.4084	0.4084	0.0000
7	4D Total	0		0.4414	0.4414	0.0000		0.4108	0.4108	0.0000
8	5D 12378	0.5		0.0098	0.0098	0.0049		0.0103	0.0103	0.0051
9	5D Other	0		0.4561	0.4561	0.0000		0.3748	0.3748	0.0000
10	5D Total	0		0.4659	0.4659	0.0000		0.3851	0.3851	0.0000
11	6D 123478	0.1		0.0245	0.0245	0.0025		0.0180	0.0180	0.0018
12	6D 123678	0.1		0.0466	0.0466	0.0047		0.0385	0.0385	0.0039
13	6D 123789	0.1		0.0539	0.0539	0.0054		0.0411	0.0411	0.0041
14	6D Other	0		1.7631	1.7631	0.0000		1.3658	1.3658	0.0000
15	6D Total	0		1.8882	1.8882	0.0000		1.4633	1.4633	0.0000
16	7D 1234678	0.01		0.3678	0.3678	0.0037		0.3081	0.3081	0.0031
17	7D Other	0		0.4659	0.4659	0.0000		0.4108	0.4108	0.0000
18	7D Total	0		0.8338	0.8338	0.0000		0.7188	0.7188	0.0000
19	8D	0.001		0.2232	0.2232	0.0002		0.1694	0.1694	0.0002
20	4F 2378	0.1		0.4904	0.4904	0.0490		0.4108	0.4108	0.0411
21	4F Other	0		2.4767	2.4767	0.0000		2.1565	2.1565	0.0000
22	4F Total	0		2.9672	2.9672	0.0000		2.5672	2.5672	0.0000
23	5F 12378	0.05	1	0.0515	0.0257	0.0013	1	0.0359	0.0180	0.0009
24	5F 23478	0.5		0.1030	0.1030	0.0515		0.0744	0.0744	0.0372
25	5F Other	0		0.7038	0.7038	0.0000		0.5828	0.5828	0.0000
26	5F Total	0		0.8583	0.8583	0.0000		0.6932	0.6932	0.0000
27	6F 123478	0.1		0.0368	0.0368	0.0037		0.0282	0.0282	0.0028
28	6F 123678	0.1		0.0172	0.0172	0.0017		0.0128	0.0128	0.0013
29	6F 123789	0.1		0.0022	0.0022	0.0002		0.0015	0.0015	0.0002
30	6F 234678	0.1		0.0368	0.0368	0.0037		0.0308	0.0308	0.0031
31	6F Other	0		0.1180	0.1180	0.0000		0.0934	0.0934	0.0000
32	6F Total	0		0.2109	0.2109	0.0000		0.1669	0.1669	0.0000
33	7F 1234678	0.01		0.0196	0.0196	0.0002		0.0154	0.0154	0.0002
34	7F 1234789	0.01		0.0049	0.0049	0.0000		0.0026	0.0026	0.0000
35	7F Other	0		0.0123	0.0123	0.0000		0.0103	0.0103	0.0000
36	7F Total	0		0.0368	0.0368	0.0000		0.0282	0.0282	0.0000
37	8F	0.001	1	0.0049	0.0025	0.0000	1	0.0051	0.0026	0.0000
38	Total PCDD/PCDF			7.9305	7.9280			6.6080	6.6055	
39	TEQ		1.9	0.1389		0.1376	1.7	0.1081		0.1072

	C	D	E	F	G	H	I	J	K	L
1	<b>323C7</b>	I-TEF			R1				R2	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4										
5	4D 2378	1		0.0058	0.0058	0.0058		0.0082	0.0082	0.0082
6	4D Other	0		3.7946	3.7946	0.0000		4.5345	4.5345	0.0000
7	4D Total	0		3.8003	3.8003	0.0000		4.5426	4.5426	0.0000
8	5D 12378	0.5		0.0806	0.0806	0.0403		0.1142	0.1142	0.0571
9	5D Other	0		7.6928	7.6928	0.0000		11.2288	11.2288	0.0000
10	5D Total	0		7.7734	7.7734	0.0000		11.3430	11.3430	0.0000
11	6D 123478	0.1		0.1756	0.1756	0.0176		0.2693	0.2693	0.0269
12	6D 123678	0.1		0.4319	0.4319	0.0432		0.5984	0.5984	0.0598
13	6D 123789	0.1		0.4319	0.4319	0.0432		0.5984	0.5984	0.0598
14	6D Other	0		20.2367	20.2367	0.0000		24.1576	24.1576	0.0000
15	6D Total	0		21.2760	21.2760	0.0000		25.6238	25.6238	0.0000
16	7D 1234678	0.01		3.1957	3.1957	0.0320		4.4338	4.4338	0.0443
17	7D Other	0		4.9231	4.9231	0.0000		6.3651	6.3651	0.0000
18	7D Total	0		8.1188	8.1188	0.0000		10.7990	10.7990	0.0000
19	8D	0.001		1.9577	1.9577	0.0020		3.0194	3.0194	0.0030
20	4F 2378	0.1		1.0364	1.0364	0.1036		1.2513	1.2513	0.1251
21	4F Other	0		4.6352	4.6352	0.0000		5.7123	5.7123	0.0000
22	4F Total	0		5.6717	5.6717	0.0000		6.9636	6.9636	0.0000
23	5F 12378	0.05	1	0.0605	0.0302	0.0015	1	0.0870	0.0435	0.0022
24	5F 23478	0.5		0.2159	0.2159	0.1080		0.2992	0.2992	0.1496
25	5F Other	0		2.1420	2.1420	0.0000		2.7963	2.7963	0.0000
26	5F Total	0		2.4184	2.4184	0.0000		3.1826	3.1826	0.0000
27	6F 123478	0.1		0.1641	0.1641	0.0164		0.2258	0.2258	0.0226
28	6F 123678	0.1		0.0892	0.0892	0.0089		0.1170	0.1170	0.0117
29	6F 123789	0.1		0.0202	0.0202	0.0020		0.0272	0.0272	0.0027
30	6F 234678	0.1		0.2562	0.2562	0.0256		0.3264	0.3264	0.0326
31	6F Other	0		0.5931	0.5931	0.0000		0.7453	0.7453	0.0000
32	6F Total	0		1.1228	1.1228	0.0000		1.4417	1.4417	0.0000
33	7F 1234678	0.01		0.1209	0.1209	0.0012		0.1768	0.1768	0.0018
34	7F 1234789	0.01		0.0374	0.0374	0.0004		0.0490	0.0490	0.0005
35	7F Other	0		0.0662	0.0662	0.0000		0.1006	0.1006	0.0000
36	7F Total	0		0.2246	0.2246	0.0000		0.3264	0.3264	0.0000
37	8F	0.001	1	0.0345	0.0173	0.0000	1	0.0435	0.0218	0.0000
38	Total PCDD/PCDF			52.3982	52.3810			67.2855	67.2637	
39	TEQ		0.7	0.4531		0.4516	0.7	0.6103		0.6081

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	323C9	I-TEF			R1				R2				R3	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4														
5	4D 2378	1		0.0433	0.0433	0.0433		0.0411	0.0411	0.0411		0.0457	0.0457	0.0457
6	5D 12378	0.5		0.3544	0.3544	0.1772		0.5348	0.5348	0.2674		0.4568	0.4568	0.2284
7	6D 123478	0.1		0.5786	0.5786	0.0579		0.7402	0.7402	0.0740		0.6852	0.6852	0.0685
8	6D 123678	0.1		1.3344	1.3344	0.1334		1.6066	1.6066	0.1607		1.2518	1.2518	0.1252
9	6D 123789	0.1		0.6147	0.6147	0.0615		0.7815	0.7815	0.0781		0.6467	0.6467	0.0647
10	7D 1234678	0.01		9.0344	9.0344	0.0903		13.5410	13.5410	0.1354		10.2776	10.2776	0.1028
11	8D	0.001		2.4938	2.4938	0.0025		3.9016	3.9016	0.0039		3.3820	3.3820	0.0034
12	4F 2378	0.1		0.4331	0.4331	0.0433		0.5348	0.5348	0.0535		0.4568	0.4568	0.0457
13	5F 12378	0.05		0.3577	0.3577	0.0179		0.4521	0.4521	0.0226		0.3272	0.3272	0.0164
14	5F 23478	0.5		1.5203	1.5203	0.7602		1.7213	1.7213	0.8607		1.2957	1.2957	0.6478
15	6F 123478	0.1		0.2669	0.2669	0.0267		0.3007	0.3007	0.0301		0.2515	0.2515	0.0251
16	6F 123678	0.1		0.4331	0.4331	0.0433		0.5348	0.5348	0.0535		0.4184	0.4184	0.0418
17	6F 123789	0.1		0.0524	0.0524	0.0052		0.0616	0.0616	0.0062		0.0473	0.0473	0.0047
18	6F 234678	0.1		0.3795	0.3795	0.0380		0.3982	0.3982	0.0398		0.2734	0.2734	0.0273
19	7F 1234678	0.01		0.3073	0.3073	0.0031		0.4108	0.4108	0.0041		2.5233	2.5233	0.0252
20	7F 1234789	0.01		0.0940	0.0940	0.0009		0.1354	0.1354	0.0014		0.0989	0.0989	0.0010
21	8F	0.001		0.0469	0.0469	0.0000		0.0616	0.0616	0.0001		0.0609	0.0609	0.0001
22	Total PCDD/PCDF							0.0000				0.0000		
23	TEQ		0.0	1.5047		1.5047	0.0	1.8324		1.8324	0.0	1.4738		1.4738

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	323B1	I-TEF			R1				R2				R3	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4														
5	4D 2378	1		0.0154	0.0154	0.0154		0.0074	0.0074	0.0074		0.0106	0.0106	0.0106
6	5D 12378	0.5		0.1001	0.1001	0.0501		0.1007	0.1007	0.0504		0.0664	0.0664	0.0332
7	6D 123478	0.1		0.1577	0.1577	0.0158		0.1536	0.1536	0.0154		0.0929	0.0929	0.0093
8	6D 123678	0.1		0.3349	0.3349	0.0335		0.3110	0.3110	0.0311		0.2085	0.2085	0.0208
9	6D 123789	0.1		0.1611	0.1611	0.0161		0.1573	0.1573	0.0157		0.0973	0.0973	0.0097
10	7D 1234678	0.01		2.1143	2.1143	0.0211		2.2301	2.2301	0.0223		1.3692	1.3692	0.0137
11	8D	0.001		1.4971	1.4971	0.0015		1.4000	1.4000	0.0014		0.7968	0.7968	0.0008
12	4F 2378	0.1		0.1078	0.1078	0.0108		0.1400	0.1400	0.0140		0.1233	0.1233	0.0123
13	5F 12378	0.05		0.0923	0.0923	0.0046		0.0745	0.0745	0.0037		0.0530	0.0530	0.0027
14	5F 23478	0.5		0.2000	0.2000	0.1000		0.1970	0.1970	0.0985		0.1283	0.1283	0.0641
15	6F 123478	0.1		0.0808	0.0808	0.0081		0.0745	0.0745	0.0074		0.0487	0.0487	0.0049
16	6F 123678	0.1		0.1451	0.1451	0.0145		0.0881	0.0881	0.0088		0.0620	0.0620	0.0062
17	6F 123789	0.1		0.0153	0.0153	0.0015		0.0150	0.0150	0.0015		0.0091	0.0091	0.0009
18	6F 234678	0.1		0.0825	0.0825	0.0083		0.0595	0.0595	0.0059		0.0376	0.0376	0.0038
19	7F 1234678	0.01		0.2080	0.2080	0.0021		0.1846	0.1846	0.0018		0.1063	0.1063	0.0011
20	7F 1234789	0.01		0.0290	0.0290	0.0003		0.0247	0.0247	0.0002		0.0120	0.0120	0.0001
21	8F	0.001		0.0381	0.0381	0.0000		0.0343	0.0343	0.0000		0.0173	0.0173	0.0000
22	Total PCDD/PCDF			0.0000				0.0000				0.0000		
23	TEQ		0.0	0.3037		0.3037	0.0	0.2858		0.2858	0.0	0.1942		0.1942



	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<b>323B2</b>	I-TEF			R1				R2				R3	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4														
5	4D 2378	1		0.0044	0.0044	0.0044		0.0028	0.0028	0.0028		0.0095	0.0095	0.0095
6	5D 12378	0.5		0.0222	0.0222	0.0111		0.0217	0.0217	0.0109		0.0235	0.0235	0.0118
7	6D 123478	0.1		0.0166	0.0166	0.0017		0.0162	0.0162	0.0016		0.0209	0.0209	0.0021
8	6D 123678	0.1		0.0483	0.0483	0.0048		0.0417	0.0417	0.0042		0.0550	0.0550	0.0055
9	6D 123789	0.1		0.0197	0.0197	0.0020		0.0146	0.0146	0.0015		0.0235	0.0235	0.0024
10	7D 1234678	0.01		0.2975	0.2975	0.0030		0.2625	0.2625	0.0026		0.3161	0.3161	0.0032
11	8D	0.001		0.3057	0.3057	0.0003		0.3243	0.3243	0.0003		0.2570	0.2570	0.0003
12	4F 2378	0.1		0.1283	0.1283	0.0128		0.0791	0.0791	0.0079		0.0441	0.0441	0.0044
13	5F 12378	0.05		0.0403	0.0403	0.0020		0.0459	0.0459	0.0023		0.3041	0.3041	0.0152
14	5F 23478	0.5		0.1213	0.1213	0.0607		0.1042	0.1042	0.0521		0.0771	0.0771	0.0386
15	6F 123478	0.1		0.0214	0.0214	0.0021		0.0183	0.0183	0.0018		0.0187	0.0187	0.0019
16	6F 123678	0.1		0.0194	0.0194	0.0019		0.0144	0.0144	0.0014		0.0171	0.0171	0.0017
17	6F 123789	0.1		0.0205	0.0205	0.0021		0.0180	0.0180	0.0018		0.0187	0.0187	0.0019
18	6F 234678	0.1		0.0302	0.0302	0.0030		0.0250	0.0250	0.0025		0.0276	0.0276	0.0028
19	7F 1234678	0.01		0.0403	0.0403	0.0004		0.0345	0.0345	0.0003		0.0363	0.0363	0.0004
20	7F 1234789	0.01		0.0093	0.0093	0.0001		0.0052	0.0052	0.0001		0.0106	0.0106	0.0001
21	8F	0.001		0.0081	0.0081	0.0000		0.0071	0.0071	0.0000		0.0477	0.0477	0.0000
22	Total PCDD/PCDF													
23	TEQ		0.0	0.1124		0.1124	0.0	0.0941		0.0941	0.0	0.1015		0.1015

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<b>323B3</b>	I-TEF			R1				R2				R3	
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
3	ng/dscm			Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
4														
5	4D 2378	1		0.0035	0.0035	0.0035		0.0045	0.0045	0.0045		0.0041	0.0041	0.0041
6	4D Other	0		0.6893	0.6893	0.0000		1.7438	1.7438	0.0000		2.1606	2.1606	0.0000
7	4D Total	0		0.6928	0.6928	0.0000		1.7484	1.7484	0.0000		2.1647	2.1647	0.0000
8	5D 12378	0.5		0.0166	0.0166	0.0083		0.0301	0.0301	0.0151		0.0292	0.0292	0.0146
9	5D Other	0		1.1611	1.1611	0.0000		2.7220	2.7220	0.0000		3.0976	3.0976	0.0000
10	5D Total	0		1.1778	1.1778	0.0000		2.7521	2.7521	0.0000		3.1268	3.1268	0.0000
11	6D 123478	0.1		0.0170	0.0170	0.0017		0.0356	0.0356	0.0036		0.0378	0.0378	0.0038
12	6D 123678	0.1		0.0658	0.0658	0.0066		0.0874	0.0874	0.0087		0.0962	0.0962	0.0096
13	6D 123789	0.1		0.0211	0.0211	0.0021		0.0324	0.0324	0.0032		0.0412	0.0412	0.0041
14	6D Other	0		1.8359	1.8359	0.0000		5.0250	5.0250	0.0000		6.0097	6.0097	0.0000
15	6D Total	0		1.9398	1.9398	0.0000		5.1804	5.1804	0.0000		6.1850	6.1850	0.0000
16	7D 1234678	0.01		0.3810	0.3810	0.0038		0.4533	0.4533	0.0045		0.5498	0.5498	0.0055
17	7D Other	0		0.6928	0.6928	0.0000		0.7771	0.7771	0.0000		0.9621	0.9621	0.0000
18	7D Total	0		1.0738	1.0738	0.0000		1.2303	1.2303	0.0000		1.5119	1.5119	0.0000
19	8D	0.001		0.2875	0.2875	0.0003		0.1975	0.1975	0.0002		0.2715	0.2715	0.0003
20	4F 2378	0.1		0.0322	0.0322	0.0032		0.0249	0.0249	0.0025		0.0237	0.0237	0.0024
21	4F Other	0		2.6697	2.6697	0.0000		3.5366	3.5366	0.0000		2.8626	2.8626	0.0000
22	4F Total	0		2.7019	2.7019	0.0000		3.5615	3.5615	0.0000		2.8863	2.8863	0.0000
23	5F 12378	0.05		0.0267	0.0267	0.0013		0.0324	0.0324	0.0016		0.0344	0.0344	0.0017
24	5F 23478	0.5		0.0624	0.0624	0.0312		0.1036	0.1036	0.0518		0.0928	0.0928	0.0464
25	5F Other	0		0.7770	0.7770	0.0000		1.1591	1.1591	0.0000		1.0068	1.0068	0.0000
26	5F Total	0		0.8660	0.8660	0.0000		1.2951	1.2951	0.0000		1.1339	1.1339	0.0000
27	6F 123478	0.1		0.0208	0.0208	0.0021		0.0285	0.0285	0.0028		0.0278	0.0278	0.0028
28	6F 123678	0.1		0.0284	0.0284	0.0028		0.0356	0.0356	0.0036		0.0412	0.0412	0.0041
29	6F 123789	0.1		0.0159	0.0159	0.0016		0.0185	0.0185	0.0018		0.0199	0.0199	0.0020
30	6F 234678	0.1		0.0381	0.0381	0.0038		0.0518	0.0518	0.0052		0.0550	0.0550	0.0055
31	6F Other	0		0.1670	0.1670	0.0000		0.2542	0.2542	0.0000		0.2684	0.2684	0.0000
32	6F Total	0		0.2702	0.2702	0.0000		0.3885	0.3885	0.0000		0.4123	0.4123	0.0000
33	7F 1234678	0.01		0.0450	0.0450	0.0005		0.0421	0.0421	0.0004		0.0481	0.0481	0.0005
34	7F 1234789	0.01		0.0055	0.0055	0.0001		0.0084	0.0084	0.0001		0.0082	0.0082	0.0001
35	7F Other	0		0.0187	0.0187	0.0000		0.0240	0.0240	0.0000		0.0261	0.0261	0.0000
36	7F Total	0		0.0693	0.0693	0.0000		0.0745	0.0745	0.0000		0.0825	0.0825	0.0000
37	8F	0.001		0.0111	0.0111	0.0000		0.0172	0.0172	0.0000		0.0144	0.0144	0.0000
38	Total PCDD/PCDF			9.0903	9.0903			16.4454	16.4454			17.7894	17.7894	
39	TEQ		0.0	0.0728		0.0728	0.0	0.1097		0.1097	0.0	0.1075		0.1075

	C	D	E	F	G	H	I	J	K	L	M
1	323B4	I-TEF			R1				R2		
2		Wght Fact		Total	Total	TEQ		Total	Total	TEQ	
3				Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND	
4											
5	4D 2378	1		0.0021	0.0021	0.0021		0.0044	0.0044	0.0044	
6	4D Other	0		0.4445	0.4445	0.0000		0.8391	0.8391	0.0000	
7	4D Total	0		0.4466	0.4466	0.0000		0.8435	0.8435	0.0000	
8	5D 12378	0.5		0.0127	0.0127	0.0064		0.0176	0.0176	0.0088	
9	5D Other	0		0.8117	0.8117	0.0000		1.4494	1.4494	0.0000	
10	5D Total	0		0.8244	0.8244	0.0000		1.4670	1.4670	0.0000	
11	6D 123478	0.1		0.0148	0.0148	0.0015		0.0220	0.0220	0.0022	
12	6D 123678	0.1		0.0481	0.0481	0.0048		0.0550	0.0550	0.0055	
13	6D 123789	0.1		0.0196	0.0196	0.0020		0.0191	0.0191	0.0019	
14	6D Other	0		1.6008	1.6008	0.0000		4.3050	4.3050	0.0000	
15	6D Total	0		1.6832	1.6832	0.0000		4.4011	4.4011	0.0000	
16	7D 1234678	0.01		0.3126	0.3126	0.0031		0.4401	0.4401	0.0044	
17	7D Other	0		0.5462	0.5462	0.0000		0.7702	0.7702	0.0000	
18	7D Total	0		0.8588	0.8588	0.0000		1.2103	1.2103	0.0000	
19	8D	0.001		0.2679	0.2679	0.0003		0.2347	0.2347	0.0002	
20	4F 2378	0.1		0.0165	0.0165	0.0016		0.0440	0.0440	0.0044	
21	4F Other	0		1.3576	1.3576	0.0000		3.2568	3.2568	0.0000	
22	4F Total	0		1.3740	1.3740	0.0000		3.3008	3.3008	0.0000	
23	5F 12378	0.05		0.0227	0.0227	0.0011		0.0334	0.0334	0.0017	
24	5F 23478	0.5		0.0447	0.0447	0.0223		0.0770	0.0770	0.0385	
25	5F Other	0		0.5510	0.5510	0.0000		0.9532	0.9532	0.0000	
26	5F Total	0		0.6183	0.6183	0.0000		1.0636	1.0636	0.0000	
27	6F 123478	0.1		0.0210	0.0210	0.0021		0.0260	0.0260	0.0026	
28	6F 123678	0.1		0.0306	0.0306	0.0031		0.0323	0.0323	0.0032	
29	6F 123789	0.1		0.0120	0.0120	0.0012		0.0154	0.0154	0.0015	
30	6F 234678	0.1		0.0378	0.0378	0.0038		0.0403	0.0403	0.0040	
31	6F Other	0		0.1563	0.1563	0.0000		0.1903	0.1903	0.0000	
32	6F Total	0		0.2576	0.2576	0.0000		0.3044	0.3044	0.0000	
33	7F 1234678	0.01		0.0481	0.0481	0.0005		0.0403	0.0403	0.0004	
34	7F 1234789	0.01		0.0058	0.0058	0.0001		0.0066	0.0066	0.0001	
35	7F Other	0		0.0148	0.0148	0.0000		0.0191	0.0191	0.0000	
36	7F Total	0		0.0687	0.0687	0.0000		0.0660	0.0660	0.0000	
37	8F	0.001		0.0120	0.0120	0.0000		0.0081	0.0081	0.0000	
38	Total PCDD/PCDF			6.4116	6.4116			12.8996	12.8996		
39	TEQ		0.0	0.0558		0.0558	0.0	0.0839		0.0839	