

US EPA ARCHIVE DOCUMENT

	B	C
1	Source Description	
2		
3	Phase II ID No.	764
4	EPA ID No.	IND006376362
5	Facility Name	GE Plastics, Mt. Vernon IN Facility
6	Facility Location	
7	City	Mount Vernon
8	State	IN
9	Unit ID Name/No.	Boiler H530A (Unit 1) and Boiler H530B (Unit 2), identical units
10	Other Sister Facilities	None
11	Number of Sister Facilities	0
12	Combustor Class	Liquid-fired boiler
13	Combustor Type	Liquid-fired
14	Combustor Characteristics	Watertube boiler. Babcock and Wilcox Model 103-88 boiler, 70,000 lb/hr steam @ 195 psig
15	Capacity (MMBtu/hr)	75
16	Soot Blowing	Yes, 5 min per day
17	APCS Detailed Acronym	None
18	APCS General Class	
19	APCS Characteristics	NA
20	Hazardous Wastes	Liq
21	Haz Waste Description	Liquid waste (phenol distillation tar, benzene byproduct)
22	Supplemental Fuel	Natural gas
23		
24	Stack Characteristics	H530A and H530B boilers have a common stack
25	Diameter (ft)	5
26	Height (ft)	118
27	Gas Velocity (ft/sec)	63.7
28	Gas Temperature (°F)	529
29		
30	Permitting Status	Tier I Adjusted for all metals, chlorine
31	HWC Burn Status (Date if Terminated)	

	B	C
1	Cond Description	
2		
3	764C1	
4		
5	Report Name/Date	Revised Recertification of Compliance of BIF Boilers H530A and H530B at GE Plastics, February 1998
6	Report Prepare	Airtech Environmental Services, Inc.
7	Testing Firm	Planet Air Group
8	Testing Dates	February 11, 1998
9	Cond Dates	Feb-98
10	Condition Descr	CoC, max waste and ash feed ??
11	Content	PM, CO
12		
13	764C2	
14		
15	Report Name/Date	Revised Recertification of Compliance of BIF Boilers H530A and H530B, GE Plastics Mt. Vernon Facility, February 1998
16	Report Prepare	Airtech Environmental Services, Inc.
17	Testing Firm	Planet Air Group
18	Testing Dates	February 12, 1998
19	Cond Dates	Feb-98
20	Condition Descr	CoC, max waste and ash feed ??
21	Content	PM, CO
22		
23	764C3	
24		
25	Report Name/Date	Recertification of Compliance Boilers H530A and H530B, GE Plastics Mt. Vernon Facility, September 2001
26	Report Prepare	URS Corp.
27	Testing Firm	URS Corp.
28	Testing Dates	July 28, 2001
29	Cond Dates	Jul-01
30	Condition Descr	CoC, max waste and ash feed
31	Content	PM and CO emissions; waste feed ash, chlorine, metals

	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Stack Gas Emissions													
2														
3		Comment	Units	7% O2						Sootblowing				
4										adjusted				
5														
6	764C1					R1	R2	R3		Cond Avg				
7														
8	PM	E1	gr/dscf	y		0.034	0.0316	0.0398		0.0351				
9	CO (RA)	E1	ppmv	y		19.2	9.5	10.4		13.0				
10	CO (MHRA)	E1	ppmv	y		27.1	10.7	12.1		16.6				
11														
12										Sootblowing				
13	764C2					R1	R2	R3		Cond Avg				
14														
15	PM	E1	gr/dscf	y		0.0292	0.034	0.0411		0.0348				
16	CO (RA)	E1	ppmv	y		13.9	12.7	12.8		13.1				
17	CO (MHRA)	E1	ppmv	y		17.9	13.3	13.2		14.8				
18														
19										Sootblowing				
20						adjusted								
21	764C3					R1	R2	R3		Cond Avg				
22														
23	PM	E1	gr/dscf	y		0.151	0.042	0.042		0.050				
24	CO (RA)	E1	ppmv	y		4.9	4.3	3.9		4.4				
25	CO (RA) H530B	E1	ppmv	y		5.8	5.5	5.5		5.6				
26	CO (MHRA)	E1	ppmv	y		6	5.5	5.5		5.7 avg of both stacks				
27														
28	Sampling Train	PM	E1											
29	Stack Gas Flowrate		dscfm			36383	38759	40711		38618				
30	O2		%			5	5	5		5.0				

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA					
1	Feedstreams																														
2																															
3																															
4	764C1				R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3						
5					F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3						
6	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3						
7	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		NG		NG		NG		NG		Total		Total		Total						
8	Feed Class 2				HW		HW		HW		HW		MF		MF		MF		MF		Total		Total		Total						
9	Feedstream Description				Liq. waste		Liq. waste		Liq. waste		Liq. waste		Natural gas		Natural gas		Natural gas		Natural gas		Total		Total		Total						
10	Feed Rate				scf/hr								4.694		0		0		1565												
11	Feed Rate				lb/hr		4480.2		4774.8		4783.1		4679																		
12	Heating Value				Btu/lb		15007		15179		15131		15106																		
13	Thermal Feedrate				MMBtu/hr		77.054		72.486		72.464		70.7		1.72		1.72		1.72		1.72		78.8		74.2		74.2				
14	Ash				wt. %		0.125		0.131		0.128		0.131																		
15	(Ash)				lb/hr		5.988		6.256		6.13		6.126																		
16	Chlorine				ppmw	nd	100	nd	100	nd	100		100																		
17	Antimony				ppmw	nd	1	nd	1	nd	1		1																		
18	Arsenic				ppmw	nd	0.08	nd	0.08	nd	0.08		0.08																		
19	Barium				ppmw	nd	0.08	nd	0.08	nd	0.08		0.08																		
20	Beryllium				ppmw	nd	0.04	nd	0.04	nd	0.04		0.04																		
21	Cadmium				ppmw	nd	0.008	nd	0.008	nd	0.008		0.008																		
22	Chromium				ppmw		1.22		1.19		1.22		1.21																		
23	Lead				ppmw	nd	0.04	nd	0.04	nd	0.04		0.04																		
24	Mercury				ppmw	nd	0.02	nd	0.02	nd	0.02		0.02																		
25	Silver				ppmw	nd	0.08	nd	0.08	nd	0.08		0.08																		
26	Thallium				ppmw	nd	0.1	nd	0.1	nd	0.1		0.1																		
27																															
28	Stack Gas Flowrate				dscfm		18657.0		18657.0		18657.0		18657.0																		
29	Oxygen				%		8.1		8.1		8.1		8.1																		
30					Flowrate and oxygen estimated based on total firing rate																										
31																															
32																															
33	Feedrate MTEC Calculations																														
34	Ash				mg/dscm		93.1		97.3		95.3		95.3										93.1		97.3		95.3				
35	Ash				gr/dscf		0.041		0.042		0.042		0.0																		
36	Chlorine				ug/dscm	100	6968.1	100	7426.3	100	7439.2	100	7277.8							100	6968.1	100	7426.3	100	7439.2	100	7439.2	100			
37	Antimony				ug/dscm	100	69.7	100	74.3	100	74.4	100	72.8							100	69.7	100	74.3	100	74.4	100	74.4	100			
38	Arsenic				ug/dscm	100	5.6	100	5.9	100	6.0	100	5.8							100	5.6	100	5.9	100	6.0	100	6.0	100			
39	Barium				ug/dscm	100	5.6	100	5.9	100	6.0	100	5.8							100	5.6	100	5.9	100	6.0	100	6.0	100			
40	Beryllium				ug/dscm	100	2.8	100	3.0	100	3.0	100	2.9							100	2.8	100	3.0	100	3.0	100	3.0	100			
41	Cadmium				ug/dscm	100	0.6	100	0.6	100	0.6	100	0.6							100	0.6	100	0.6	100	0.6	100	0.6	100			
42	Chromium				ug/dscm		85.0		88.4		90.8		88.0								85.0		88.4		90.8		90.8				
43	Lead				ug/dscm	100	2.8	100	3.0	100	3.0	100	2.9						100	2.8	100	3.0	100	3.0	100	3.0	100	3.0	100		
44	Mercury				ug/dscm	100	1.4	100	1.5	100	1.5	100	1.5						100	1.4	100	1.5	100	1.5	100	1.5	100	1.5	100		
45	Silver				ug/dscm	100	5.6	100	5.9	100	6.0	100	5.8						100	5.6	100	5.9	100	6.0	100	6.0	100	6.0	100		
46	Thallium				ug/dscm	100	7.0	100	7.4	100	7.4	100	7.3						100	7.0	100	7.4	100	7.4	100	7.4	100	7.4	100		
47																															
48	SVM				ug/dscm	100	3.3	100	3.6	100	3.6	100	3.5							100	3.3	100	3.6	100	3.6	100	3.6	100			
49	LVM				ug/dscm	9	93.4	9	97.3	9	99.7	9	96.8							9	93.4	9	97.3	9	99.7	9	99.7	9			
50																															
51	764C2				R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3						
52					F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3						
53	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3						
54	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		NG		NG		NG		NG		Total		Total		Total						
55	Feed Class 2				HW		HW		HW		HW		MF		MF		MF		MF		Total		Total		Total						
56	Feedstream Description				Liq. Waste		Liq. Waste		Liq. Waste		Liq. Waste		Natural gas		Natural gas		Natural gas		Natural gas		Total		Total		Total						
57	Feed Rate				scf/hr								1.086		0		0		362												
58	Feed Rate				lb/hr		4714.4		4788		4788.1		4764																		
59	Heating Value				Btu/lb								15107																		
60	Thermal Feedrate				MMBtu/hr		73.187		72.517		72.78		72.0		0.4		0.4		0.4		0.4		73.6		72.9		73.2				

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
1	Feedstreams																									
2																										
3																										
4	764C1	Cond Avg																								
5																										
6	Feedstream Number	F3																								
7	Feed Class	Total																								
8	Feed Class 2	Total																								
9	Feedstream Description	Total																								
10	Feed Rate																									
11	Feed Rate																									
12	Heating Value																									
13	Thermal Feedrate	72.4																								
14	Ash																									
15	(Ash)																									
16	Chlorine																									
17	Antimony																									
18	Arsenic																									
19	Barium																									
20	Beryllium																									
21	Cadmium																									
22	Chromium																									
23	Lead																									
24	Mercury																									
25	Silver																									
26	Thallium																									
27																										
28	Stack Gas Flowrate																									
29	Oxygen																									
30																										
31																										
32																										
33	<i>Feedrate MTEC Calculations</i>																									
34	Ash	95.3																								
35	Ash																									
36	Chlorine	7277.8																								
37	Antimony	72.8																								
38	Arsenic	5.8																								
39	Barium	5.8																								
40	Beryllium	2.9																								
41	Cadmium	0.6																								
42	Chromium	88.0																								
43	Lead	2.9																								
44	Mercury	1.5																								
45	Silver	5.8																								
46	Thallium	7.3																								
47																										
48	SVM	3.5																								
49	LVM	96.8																								
50																										
51	764C2	Cond Avg																								
52																										
53	Feedstream Number	F3																								
54	Feed Class	Total																								
55	Feed Class 2	Total																								
56	Feedstream Description	Total																								
57	Feed Rate																									
58	Feed Rate																									
59	Heating Value																									
60	Thermal Feedrate	72.4																								

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	Ash		wt %								0.117															
2	(Ash)		lb/hr		5.67		5.46		5.747		5.626															
3	Chlorine		ppmw	nd	100	nd	100	nd	100		100															
4	Antimony		ppmw	nd	1	nd	1	nd	1		1															
5	Arsenic		ppmw	nd	0.08	nd	0.08	nd	0.08		0.08															
6	Barium		ppmw	nd	0.08	nd	0.08	nd	0.08		0.08															
7	Beryllium		ppmw	nd	0.04	nd	0.04	nd	0.04		0.04															
8	Cadmium		ppmw	nd	0.008	nd	0.008	nd	0.008		0.008															
9	Chromium		ppmw		1.21		1.19		1.21		1.2															
0	Lead		ppmw	nd	0.04	nd	0.04	nd	0.04		0.04															
1	Mercury		ppmw	nd	0.02	nd	0.02	nd	0.02		0.02															
2	Silver		ppmw	nd	0.08	nd	0.08	nd	0.08		0.08															
3	Thallium		ppmw	nd	0.1	nd	0.1	nd	0.1		0.1															
4																										
5	Stack Gas Flowrate		dsCFM		17518.7		17518.7		17518.7		17518.7															
6	Oxygen		%		5.5		5.5		5.5		5.5															
7																										
8																										
9																										
0	<i>Feedrate MTEC Calculations</i>																									
1	Ash		mg/dscm		78.2		75.3		79.2		77.6											78.2		75.3		79.2
2	Ash		gr/dscf		0.03		0.03		0.03		0.0											0.0		0.0		0.0
3	Chlorine		ug/dscm	100	6498.9	100	6600.3	100	6600.5	100	6566.6										100	6498.9	100	6600.3	100	6600.5
4	Antimony		ug/dscm	100	65.0	100	66.0	100	66.0	100	65.7										100	65.0	100	66.0	100	66.0
5	Arsenic		ug/dscm	100	5.2	100	5.3	100	5.3	100	5.3										100	5.2	100	5.3	100	5.3
6	Barium		ug/dscm	100	5.2	100	5.3	100	5.3	100	5.3										100	5.2	100	5.3	100	5.3
7	Beryllium		ug/dscm	100	2.6	100	2.6	100	2.6	100	2.6										100	2.6	100	2.6	100	2.6
8	Cadmium		ug/dscm	100	0.5	100	0.5	100	0.5	100	0.5										100	0.5	100	0.5	100	0.5
9	Chromium		ug/dscm		78.6		78.5		79.9		79.0											78.6		78.5		79.9
0	Lead		ug/dscm	100	2.6	100	2.6	100	2.6	100	2.6										100	2.6	100	2.6	100	2.6
1	Mercury		ug/dscm	100	1.3	100	1.3	100	1.3	100	1.3										100	1.3	100	1.3	100	1.3
2	Silver		ug/dscm	100	5.2	100	5.3	100	5.3	100	5.3										100	5.2	100	5.3	100	5.3
3	Thallium		ug/dscm	100	6.5	100	6.6	100	6.6	100	6.6										100	6.5	100	6.6	100	6.6
4																										
5	SVM		ug/dscm	100	3.1	100	3.2	100	3.2	100	3.2										100	3.1	100	3.2	100	3.2
6	LVM		ug/dscm	9	86.4	9	86.5	9	87.8	9	86.9										9	86.4	9	86.5	9	87.8
7																										
8																										
9																										
00	764C3				R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3	
01																										
02	Boiler ID				H-530A		H-530A		H-530A		H-530A		H-530B		H-530B		H-530B		H-530B		H-530A		H-530A		H-530A	
03	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3	
04	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Spike		Spike		Spike	
05	Feed Class 2																				Spike		Spike		Spike	
06	Feedstream Description				Liq. Waste		Liq. Waste		Liq. Waste		Liq. Waste		Liq. Waste		Liq. Waste		Liq. Waste		Liq. Waste		Spike		Spike		Spike	
07	Feed Rate		lb/hr		4722		4743		4742		4736		4764		4771		4772		4769		Spike		Spike		Spike	
08	Heating Value		Btu/lb																							
09	Thermal Feedrate		MMBtu/hr		72.7		73.1		73.1		73.0		73.4		73.5		73.5		73.5							
10	Ash		wt %		0.0475		0.042		0.039		0.043		0.0475		0.042		0.039		0.043							
11	(Ash)		lb/hr		2.2		2.0		1.8		2		2.3		2.0		1.9		2		6.5		6.5		6.5	
12	Chlorine		ppmw	nd	500	nd	500	nd	500	nd	500	nd	500	nd	500	nd	500	nd	500	nd						
13	Antimony		ppmw	nd	0.3	nd	0.3	nd	0.3	nd	0.3	nd	0.3	nd	0.3	nd	0.3	nd	0.3	nd						
14	Arsenic		ppmw	nd	0.3	nd	0.3	nd	0.3	nd	0.30	nd	0.3	nd	0.3	nd	0.3	nd	0.3	nd						
15	Barium		ppmw		0.15		0.1		0.2		0.15		0.15		0.1		0.2		0.15							
16	Beryllium		ppmw	nd	0.1	nd	0.1	nd	0.1	nd	0.10	nd	0.1	nd	0.1	nd	0.1	nd	0.1	nd						
17	Cadmium		ppmw	nd	0.1	nd	0.1	nd	0.1	nd	0.10	nd	0.1	nd	0.1	nd	0.1	nd	0.1	nd						
18	Chromium		ppmw		0.2		0.2		0.2		0.20		0.2		0.2		0.2		0.20							
19	Lead		ppmw	nd	0.2	nd	0.2	nd	0.2	nd	0.20	nd	0.2	nd	0.2	nd	0.2	nd	0.20	nd						
20	Mercury		ppmw	nd	0.02	nd	0.02	nd	0.02	nd	0.02	nd	0.02	nd	0.02	nd	0.02	nd	0.02	nd						

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ		
61	Ash																											
62	(Ash)																											
63	Chlorine																											
64	Antimony																											
65	Arsenic																											
66	Barium																											
67	Beryllium																											
68	Cadmium																											
69	Chromium																											
70	Lead																											
71	Mercury																											
72	Silver																											
73	Thallium																											
74																												
75	Stack Gas Flowrate																											
76	Oxygen																											
77																												
78																												
79																												
80	Feedrate MTEC Calculations																											
81	Ash		77.6																									
82	Ash		0.03																									
83	Chlorine		6566.6																									
84	Antimony		65.7																									
85	Arsenic		5.3																									
86	Barium		5.3																									
87	Beryllium		2.6																									
88	Cadmium		0.5																									
89	Chromium		79.0																									
90	Lead		2.6																									
91	Mercury		1.3																									
92	Silver		5.3																									
93	Thallium		6.6																									
94																												
95	SVM		3.2																									
96	LVM		86.9																									
97																												
98																												
99																												
100	764C3	Cond Avg	R1	R2	R3	Cond Avg	R1	R2	R3	Cond Avg	R1	R2	R3	Cond Avg	R1	R2	R3	Cond Avg	R1	R2	R3	Cond Avg						
101																												
102	Boiler ID	H-530A	H-530B	H-530B	H-530B	H-530B	H-530A&B	H-530A&B	H-530A&B	H-530A&B																		
103	Feedstream Number	F3	F4	F4	F4	F4	F5	F5	F5	F5																		
104	Feed Class	Spike	Spike	Spike	Spike	Spike	Total	Total	Total	Total																		
105	Feed Class 2	Spike	Spike	Spike	Spike	Spike	Total	Total	Total	Total																		
106	Feedstream Description	Spike	Spike	Spike	Spike	Spike	Total	Total	Total	Total																		
107	Feed Rate																											
108	Heating Value																											
109	Thermal Feedrate						146.1	146.6	146.6	146.4					146.1	146.6	146.6	146.6										
110	Ash																											
111	(Ash)	6.5	6.5	6.5	6.5	6.5	17.6	17.1	16.8	17.1																		
112	Chlorine																											
113	Antimony																											
114	Arsenic																											
115	Barium																											
116	Beryllium																											
117	Cadmium																											
118	Chromium																											
119	Lead																											
120	Mercury																											

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA							
21	Silver		ppmw	nd	0.1	nd	0.1	nd	0.1		0.10	nd	0.1	nd	0.1	nd	0.1		0.10														
22	Thallium		ppmw	nd	0.4	nd	0.4	nd	0.4		0.40	nd	0.4	nd	0.4	nd	0.4		0.40														
23																																	
24	Stack Gas Flowrate		dscfm		36383		38759		40711		38618		36383		38759		40711		38618		36383		38759		40711								
25	Oxygen		%		5		5		5		5.0		5		5		5		5.0		5		5		5								
26					Flowrate and oxygen estimated based on total firing rate																												
27																																	
28																																	
29	<i>Feedrate MTEC Calculations</i>																																
30	Ash		mg/dscm		14.4		12.0		10.6		12.4		14.6		12.1		10.7		12.4		42.0		39.5		37.6								
31	Ash		gr/dscf		0.006		0.005		0.005		0.005		0.006		0.005		0.005		0.005		0.018		0.017		0.016								
32	Chlorine		ug/dscm	100	15182	100	14315	100	13625	100	14374	100	15317	100	14399	100	13711	100	14476														
33	Antimony		ug/dscm	100	9	100	9	100	8	100	8.6	100	9	100	9	100	8	100	8.7														
34	Arsenic		ug/dscm	100	9	100	9	100	8	100	8.6	100	9	100	9	100	8	100	8.7														
35	Barium		ug/dscm		5		3		5		4.3		5		3		5		4.3														
36	Beryllium		ug/dscm	100	3	100	3	100	3	100	2.9	100	3	100	3	100	3	100	2.9														
37	Cadmium		ug/dscm	100	3	100	3	100	3	100	2.9	100	3	100	3	100	3	100	2.9														
38	Chromium		ug/dscm		6		6		5		5.7		6		6		5		5.8														
39	Lead		ug/dscm	100	6	100	6	100	5	100	5.7	100	6	100	6	100	5	100	5.8														
40	Mercury		ug/dscm	100	1	100	1	100	1	100	0.6	100	1	100	1	100	1	100	0.6														
41	Silver		ug/dscm	100	3	100	3	100	3	100	2.9	100	3	100	3	100	3	100	2.9														
42	Thallium		ug/dscm	100	12	100	11	100	11	100	11.5	100	12	100	12	100	11	100	11.6														
43	SVM		ug/dscm	100	9.1	100	8.6	100	8.2	100	8.6	100	9.2	100	8.6	100	8.2	100	8.7														
44	LVM		ug/dscm	17	18.2	17	17.2	17	16.4	17	17.2	17	18.4	17	17.3	17	16.5	17	17.4														
45																																	
46	BIF Feedrate Limits		Both units																														
47																																	
48	Antimony		g/hr								6246																						
49	Arsenic		g/hr								2.9																						
50	Barium		g/hr								1041064																						
51	Beryllium		g/hr								1.7																						
52	Cadmium		g/hr								2.3																						
53	Chromium		g/hr								15.6																						
54	Lead		g/hr								1874																						
55	Mercury		g/hr								6246																						
56	Silver		g/hr								62464																						
57	Thallium		g/hr								10411																						
58	Chlorine		g/hr								8330																						
59	Ash		g/hr								7750																						

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
121	Silver																									
122	Thallium																									
123																										
124	Stack Gas Flowrate	38618		36383		38759		40711		38618		36383		38759		40711		38618								
125	Oxygen	5.0		5		5		5		5.0		5		5		5		5.0								
126																										
127																										
128																										
129	<i>Feedrate MTEC Calculations</i>																									
130	Ash	39.7		42.0		39.5		37.6		39.7		113		103		96		104		29.0		24.1		21.3		24.8
131	Ash	0.017		0.018		0.017		0.016		0.017		0.049		0.045		0.042		0.045		0.0		0.0		0.0		0.0
132	Chlorine									100		15249	100	14357	100	13668	100	14425	100	30498.7	100	28713.5	100	27336.8	100	28849.7
133	Antimony									100		9.1	100	8.6	100	8.2	100	8.7	100	18.3	100	17.2	100	16.4	100	17.3
134	Arsenic									100		9.1	100	8.6	100	8.2	100	8.7	100	18.3	100	17.2	100	16.4	100	17.3
135	Barium											9.1		5.7		10.9		8.6		9.1		5.7		10.9		8.6
136	Beryllium									100		3.0	100	2.9	100	2.7	100	2.9	100	6.1	100	5.7	100	5.5	100	5.8
137	Cadmium									100		3.0	100	2.9	100	2.7	100	2.9	100	6.1	100	5.7	100	5.5	100	5.8
138	Chromium											12.2		11.5		10.9		11.5		12.2		11.5		10.9		11.5
139	Lead									100		6.1	100	5.7	100	5.5	100	5.8	100	12.2	100	11.5	100	10.9	100	11.5
140	Mercury									100		0.6	100	0.6	100	0.5	100	0.6	100	1.2	100	1.1	100	1.1	100	1.2
141	Silver									100		3.0	100	2.9	100	2.7	100	2.9	100	6.1	100	5.7	100	5.5	100	5.8
142	Thallium									100		12.2	100	11.5	100	10.9	100	11.5	100	24.4	100	23.0	100	21.9	100	23.1
143	SVM									100		18.3	100	17.2	100	16.4	100	17.3	100	18.3	100	17.2	100	16.4	100	17.3
144	LVM									17		36.6	17	34.5	17	32.8	17	34.6	16.67	36.6	16.7	34.5	17	32.8	17	34.6
145																										
146	BIF Feedrate Limits																									
147																										
148	Antimony																									
149	Arsenic																									
150	Barium																									
151	Beryllium																									
152	Cadmium																									
153	Chromium																									
154	Lead																									
155	Mercury																									
156	Silver																									
157	Thallium																									
158	Chlorine																									
159	Ash																									