

US EPA ARCHIVE DOCUMENT

Data Summary: Solid Fuel Boilers, Mercury

	A	B	C	D	E	F	G	H	M	O	P	Q	R	S	T	U	V	Y	AC
2	Source ID	Cond ID	Facility Information		Combustor Information			APCS	Hazardous	Munitions	Chemical	Mixed	Comm	Gov't	Condition Information		Hg	SB	
3	Number	Number	Facility Name	City	Combustor	Combustor	Combustor	Detailed	Wastes	Popping	Weapons	Radioactive	vs On-site	Cond	Cond Description	Spiking Tier	Run		
4					Category	Class	Type	Acronym		Furnace	Demil	Waste		Dates			No		
5																			
6	719	719C10	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq, sludge	No	No	No	OS	No	6/1/1998 CoC; max feedrates	Y	3	R3	
7	1009	1009C2	Eastman Chemicals Co.	Batesville	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq	No	No	No	OS	No	4/1/1999 Trial burn, risk burn; max condit	N	1	No	
8	1011	1011C1	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Sludge	No	No	No	OS	No	2/1/1998 CoC; max feedrates	Y	3	R3	
9	1012	1012C1	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Biosludge	No	No	No	OS	No	6/1/1997 CoC; max feedrates	Y	3	R3	
10	1009A	1009C2	Eastman Chemicals Co.	Batesville	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq	No	No	No	OS	No	4/1/1999 Trial burn, risk burn; max condit	N	1	No	
11	1011A	1011C1	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq, sludge	No	No	No	OS	No	2/1/1998 CoC; max feedrates	Y	3	R3	
12	1011B	1011C1	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq, sludge	No	No	No	OS	No	2/1/1998 CoC; max feedrates	Y	3	R3	
13	1012A	1012C1	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq	No	No	No	OS	No	6/1/1997 CoC; max feedrates	Y	3	R3	
14	719A	719C10	Eastman Chemicals Co.	Kingsport	Coal boiler	Coal-fired boiler	Stoker	ESP	Liq, sludge	No	No	No	OS	No	6/1/1998 CoC; max feedrates	Y	3	R3	

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	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	CE	CC	CI	CE	CF	CG				
2	Cond ID	Hg Emissions			Hg Stack Emissions (ug/dscm) - ND in %										Hg SRE			Hg SRE (%)																	
3	Number	Camp	Rating	Comments	R1	R2	R3	R SB	Cond Avg	No SB	Camp	Rating	Comments	R1	R2	R3	R SB	Cond	No SB																
4	No	No			ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	No			Avg	Cond	Avg													
5																																			
6	719C10	1	CT					10.6				13.5		12.1		10.6	1	CT																	
7	1009C2	1	N		100	0.3	100	0.3	100	0.3		100	0.3	100	0.3	1	NA	Normal	>	96.7	>	96.7	>	96.6											
8	1011C1	1	CT					2.8				2.9		3.0		3.1	1	CT																	
9	1012C1	1	CT					8.7				12.9		10.3		9.0	1	CT																	
10	1009C2	1	NA	Data in lieu	100	0.3	100	0.3	100	0.3		100	0.3	100	0.3	1	NA	Data in lieu	>	96.7	>	96.7	>	96.6											
11	1011C1	1	NA	Data in lieu				2.8				2.9		3.0		3.1	1	NA	Data in lieu	>	96.5	>	96.6												
12	1011C1	1	NA	Data in lieu				2.8				2.9		3.0		3.1	1	NA	Data in lieu	>	96.5	>	96.6												
13	1012C1	1	NA	Data in lieu				8.7				12.9		10.3		9.0	1	NA	Data in lieu	>	89.9	>	90.2												
14	719C10	1	NA	Data in lieu				10.6				13.5		12.1		10.6	1	NA	Data in lieu	>															

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	B	CH	CI	CJ	CK	CL	CM	CX	CY	CZ	DA	DE	DC	DD	DE	DG	DI	DJ	DK	DL	DM	DN	DO	EF	EG	EH	EI	EJ	EK	
2	Cond ID	Hg SRE Used for Ranking Purposes (%)										Hg Feedrate, Cond Avg (ug/dscm)				Hg Total Feedrate (ug/dscm) - By Runs														
3	Number	R1	R2	R3	R SB	Cond Avg	No SB	Cond Avg	HW	Spike	Coal	Total	ND	R1	ND	R2	R3	R SB	Cond Avg	R1										
4																														
5																														
6	719C10	>	83.5	>	81.0 >	82.1 >	83.5	6.3	61.1	0.6	68.1	1			71.5		1	65	1	68.1										
7	1009C2 >	96.7 >	96.7 >	96.6	>	96.7 >	96.7	0	0	9.1	9.1		9		9.4		9			9.1										
8	1011C1 >	96.5 >	96.6	>	96.6 >	96.6 >	96.5	1.1	87.5	0.8	89.4	2	95.4	2	83.9		7	92.2	2	89.4	0.6	94.6								
9	1012C1 >	89.9 >	90.2	>	86.1 >	88.6 >	90.1	0.7	90	1.1	91.9	3	93.4	2	88.8		2	93.4	2	91.9	0.8	91.7								
10	1009C2 >	96.7 >	96.7 >	96.6	>	96.7 >	96.7	0	0	9.1	9.1		9		9.4		9			9.1										
11	1011C1 >	96.5 >	96.6	>	96.6 >	96.6 >	96.5	1.1	87.5	0.8	89.4	2	95.4	2	83.9		7	92.2	2	89.4	0.6	94.6								
12	1011C1 >	96.5 >	96.6	>	96.6 >	96.6 >	96.5	1.1	87.5	0.8	89.4	2	95.4	2	83.9		7	92.2	2	89.4	0.6	94.6								
13	1012C1 >	89.9 >	90.2	>	86.1 >	88.6 >	90.1	0.7	90	1.1	91.9	3	93.4	2	88.8		2	93.4	2	91.9	0.8	91.7								
14	719C10	>	83.5	>	81.0 >	82.1 >	83.5	6.3	61.1	0.6	68.1	1			71.5		65	1	1	68.1	0.0									

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	B	EL	EM	EN	EO	FF	FG	FH	FI	FO	FP	FQ	FR	FS	FT	FU	GD	GE	GF	GG	GH	GI	GJ	GK	GT	GU	GV	GW
2	Cond ID	Hg HW+Spike MTEC (ug/dscm)								Thermal Emissions Rating			Hg HW Thermal Emiss (lb/10 ¹² Btu)				Hg in HW (lb/10 ⁹ Btu)											
3	Number	R2	R3	R SB	Cond Avg	Camp No	Rating	Comments	R1	R2	R SB	Cond Avg	R1	R2	R SB	Cond Avg												
4																												
5																												
6	719C10	70.8		64	67.4	1	CT						65.200	68.533		66.866									0.342	0.413		0.377
7	1009C2				0			Normal, Haz waste	100			100				100												
8	1011C1	1	83.2	6	91.5	1	89.8	1	CT				46.104	49.594	45.332	47.010	0.6	1.305	0.6	1.449	1.352	0.6	1.369					
9	1012C1	1	88	1	92.6	1	90.8	1	CT				110.157	91.189	138.124	113.157	0.8	1.081	0.8	0.919	0.984	0.8	0.995					
10	1009C2				0			Normal, Haz waste	100			100				100												
11	1011C1	1	83.2	6	91.5	1	89.8	1	NA	Data in lieu			46.104	49.594	45.332	47.010	0.6	1.305	0.6	1.449	1.352	0.6	1.369					
12	1011C1	1	83.2	6	91.5	1	89.8	1	NA	Data in lieu			46.104	49.594	45.332	47.010	0.6	1.305	0.6	1.449	1.352	0.6	1.369					
13	1012C1	1	88	1	92.6	1	90.8	1	NA	Data in lieu			110.157	91.189	138.124	113.157	0.8	1.081	0.8	0.919	0.984	0.8	0.995					
14	719C10	0	70.8		64	0	67.4	1	NA	Data in lieu				65.200	68.533	66.866									0.342	0.413		0.377