EPA	Facility	Location	Cond	APCS	Summary	Condition	Hg Stack Gas Emissions (ug							
Cond ID			Date		Comments	Description	Cond Avg		Run 1		Run 2		Run 3	
							Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND
222C13	WTI	East Liverpool	11/16/00	WHB/SD/CI/ESP/Q/PBS		2000 Annual Performance Test	60.1		46.6		80.3		53.5	
222C12	WTI	East Liverpool	11/16/99	WHB/SD/CI/ESP/Q/PBS		1999 Annual Performance Test	23.0		17.9		20.8		30.2	
222C11	WTI	East Liverpool	11/16/98	WHB/SD/CI/ESP/Q/PBS		1998 Annual Performance Test	108.5		197.1		63.7		64.6	
222C10	WTI	East Liverpool	7/14/97	WHB/SD/CI/ESP/Q/PBS		1997 Annual Performance Test	28.0		37.6		31.4		14.8	
222B6	WTI	East Liverpool	2/23/96	WHB/SD/CI/ESP/Q/PBS	Carbon injection	Carbon injection evaluation	28.0		62.0		11.7		10.2	
222B3	WTI	East Liverpool	9/12/95	WHB/SD/CI/ESP/Q/PBS	Nor, Carbon injection	Annual performance testing, normal waste	5.7		1.3		7.4		8.5	
222C1	WTI	East Liverpool	5/1/93	WHB/SD/ESP/Q/PBS	Old operation	RCRA trial burn	13,759.5		13,715.7		13,896.8		13,665.9	
3001C2	PPG Industries, Inc.	Lake Charles	6/8/01	WS		Trial burn, higher temp for DRE and metals	0.1		0.1		0.1		0.1	
3001C4	PPG Industries, Inc.	Lake Charles	6/8/01	WS		Risk burn, normal op cond, non-PCB containing material	0.2		0.2		0.1		0.3	
3001C5	PPG Industries, Inc.	Lake Charles	6/8/01	WS		Risk burn, normal op cond, PCB containing material	0.2		0.2	100	0.2	100	0.2	100
3000C1	Reynolds Metals Company	Gum Springs	11/1/98	DS/FF		One kiln operating, max metals feed, max temp	1.6		1.6	100	1.4	100	1.8	100
3000C2	Reynolds Metals Company	Gum Springs	11/1/98	DS/FF		Two kilns operating, min temp, no spiking	2.7		3.4		3.3		1.4	100
3003C1	TOCDF	Tooele	10/1/93	C/QT/VS/PBS/DM		Compliance test ("normal" for metals, Agent VX feed)	3.4	30	1.0	100	11.3		0.7	100
3003C3	TOCDF	Tooele	4/1/92	C/QT/VS/PBS/DM		Compliance test ("normal" for metals, Agent HD feed)	16.1		16.6		13.4		12.0	
3003C4	TOCDF	Tooele	4/1/92	C/QT/VS/PBS/DM	B, 1 run	Baseline no waste treated	0.5		0.5					
3004C2	Tooele Army Depot	Tooele	7/10/95	WQ/VS/PBS/DM		GB agent burn	0.3		0.2	100	0.3	100	0.3	100
3004C3	Tooele Army Depot	Tooele	4/27/95	WQ/VS/PBS/DM	B, 1 run	Baseline - one run w/nat gas only without agent GB	0.5		0.5	100				
3004C1	Tooele Army Depot	Tooele	9/13/94	WQ/VS/PBS/DM		VX agent trial burn	0.7		1.6		0.3	100	0.3	100
3005C3	TOCDF	Tooele	7/1/00	WQ/VS/PBS/DM		Metals test w/ GB	1.5		1.3	100	1.4	100	1.6	100
3005C1	TOCDF	Tooele	8/19/97	WQ/VS/PBS/DM		GB agent trial burn	1.7		1.9	100	1.6	100	1.7	100
3005C2	TOCDF	Tooele	8/19/97	WQ/VS/PBS/DM	B, 1 run	Nat gas only baseline, 1 run	1.2		1.2	100				
3007C3	Cytec Industries, Inc.	Willow Island	6/19/00	WS		Normal wastes, APCD operation, low comb temp	85.6		72.8		89.0		95.0	
3007C1	Cytec Industries, Inc.	Willow Island	12/15/99	WS		Normal wastes, APCD operation, low comb temp	207.0		255.1		158.8			
3007C2	Cytec Industries, Inc.	Willow Island	12/15/99	WS		Normal wastes, APCD operation, high comb temp	250.7		272.2		229.1			
3008C3	Tooele Army Depot North	Tooele	7/8/00	C/AB/FF		Trial burn, 0.5 caliber M17 tracer/ Cr powder. Max oper con	5.0		3.5		4.7		6.9	
3008B1	Tooele Army Depot North	Tooele	12/6/93	HE/FF			0.4		1.1		0.0		0.1	
3008B2	Tooele Army Depot North	Tooele	12/6/93	HE/FF			0.0		0.1		0.0		0.0	
3008B3	Tooele Army Depot North	Tooele	12/6/93	HE/FF			0.2				0.0		0.4	
3010C18	Clean Harbors Environmental	Kimball County	11/1/00	HE/SDA/CI/FF		Annual, comprehensive performance test	18.4		17.2		25.8		12.3	
3010C16	Clean Harbors Environmental	Kimball County	9/16/97	HE/SDA/CI/FF		Annual, normal performance test	7.2		12.3		5.8		3.4	
3010C15	Clean Harbors Environmental	Kimball County	9/25/96	HE/SDA/CI/FF		Annual, normal performance test	37.5		13.5		50.6		48.5	
3010C14	Clean Harbors Environmental	Kimball County	11/8/95	HE/SDA/CI/FF		Annual, normal performance test	14,283.4		12,036.4		13,493.6		17,320.2	
3010C13	Clean Harbors Environmental	Kimball County	12/12/94	HE/SDA/CI/FF		Trial burn, high nonviscous liquid feed rate, max comb temp	1,482.7		3,128.4		612.2		707.6	
3012C1	Kansas Army Ammunition Pla	Parsons	5/1/95	AB/GC/C/FF		Trial burn, M223 fuze feed	3.2		3.5		3.0		3.0	
3012C2	Kansas Army Ammunition Pla	Parsons	5/1/95	AB/GC/C/FF		Trial burn, M48A1/M1911 feed	3.9		3.1		4.8		3.7	
3014C2	3M Company	Cottage Grove	7/17/01	Q/ESP/SC/S		Trial burn, max comb temp, max feedrate	0.3		0.3		0.2		0.4	
3016C12	Eastman Kodak Company	Rochester	5/11/01	Q/PBS/VS/WESP		Mini-burn, max feedrate, high temp	18.3		48.0		5.7		20.0	
3016C10	Eastman Kodak Company	Rochester	7/26/00	Q/PBS/VS/WESP		Mini burn, max feedrate, max #3 hearth temp	18.3		21.0		20.0		14.0	
3016C9	Eastman Kodak Company	Rochester	7/26/00	Q/PBS/VS/WESP		Mini-burn, max feedrate, max #3 hearth temp	16.0		14.0		20.0		14.0	
3016C7	Eastman Kodak Company	Rochester	3/30/99	Q/PBS/VS/WESP		Mini-burn, max feedrate, max temp at 1600 °F	3.5							
3016C8	Eastman Kodak Company	Rochester	3/30/99	Q/PBS/VS/WESP		Mini-burn, max feedrate, max temp at 1505 °F	12.8							
3018C2	Squibb Manufacturing, Inc.	Humacao	9/1/98	Q/SC/PT/CHEAF		Trial burn, elevated oper temp cond	6.8		7.1		6.7		6.6	
3019C2	Squibb Manufacturing, Inc.	Humacao	9/1/98	Q/SC/PT/CHEAF		Trial burn, elevated oper temp cond	4.1		3.4		4.3		4.7	
3020C1	General Electric Company, S	Waterford	2/26/92	QC/PCS/IWS		Trial burn, maximum heat duty, maximum ash and chlorine	10.6		12.4		12.1		7.2	

EPA	/dscm)						Hg Feedrate MTEC Cond Avg (ug/dscm)				Hg Feed MTEC Total by Run (ug/dscm)									Hg SRE (%)				Class	System
Cond ID	Run 4		Run 5		Run 6		HW	Other	Total	ND	Run 1		Run 2		Run 3		Run 4		Cond Avg	Run 1	Run 2	Run 3	Cond Avg		Design
	Emiss	ND	Emiss	ND	Emiss	ND				%	Feed	ND	Feed	ND	Feed	ND	Feed	ND							
222C13							927		927		1,124		576		1,082				927	95.85	86.07	95.06	93.52	Comm	Rotary Kiln
222C12							245		245		245		98		392				245	92.72	78.76	92.29	90.63	Comm	Rotary Kiln
222C11							1,304		1,304		1,118		931		1,863				1,304	82.36	93.16	96.53	91.68	Comm	Rotary Kiln
222C10							106		106		103		115		99				106	63.40	72.78	84.97	73.53	Comm	Rotary Kiln
222B6							2,300		2,300														98.78	Comm	Rotary kiln
222B3							246		246		276		328		134				246	99.51	97.75	93.66	97.67	Comm	Rotary kiln
222C1							14,395		14,395		14,049		14,622		14,515				14,395	2.37	4.96	5.85	4.42	Comm	Rotary kiln
3001C2							2		2		2		2		3				2	94.97	97.15	97.00	96.41	OS	Liq injection
3001C4																								OS	Liq injection
3001C5																								OS	Liq injection
3000C1							51		51	100	53		43		59				51	96.98	96.74	96.89	96.88	OS	Rotary Kiln
3000C2							31		31	100	32		31		30				31	89.21	89.20	95.52	91.37	OS	Rotary Kiln
3003C1	0.7	100																						OS	Rotary kiln
3003C3	22.4																							OS	Rotary kiln
3003C4																								OS	Rotary kiln
3004C2																								OS	Rotary hearth
3004C3																								OS	Rotary hearth
3004C1																								OS	Rotary hearth
3005C3							1	0	1	50	1	100	1	100	1	100			1	-110.37	-127.72	-144.34	-127.79	OS	Liquid inj
3005C1							1	0	1		1	100	1	100	1	100			1	-241.04	-112.84	-206.09	-178.41	OS	Liquid inj
3005C2																								OS	Liquid inj
3007C3							48		48		51		40		54				48	-42.95	-123.70	-75.15	-77.18	OS	Rotary kiln
3007C1							186		186		239		133						186	-6.85	-19.75		-11.46	OS	Rotary kiln
3007C2							197		197		211		182						197	-28.99	-25.69		-27.46	OS	Rotary kiln
3008C3																								OS	Rotary Furnace
3008B1																								OS	Rotary kiln
3008B2																								OS	Rotary kiln
3008B3																								OS	Rotary kiln
3010C18																								Comm	Fluid bed
3010C16																								Comm	Fluid bed
3010C15							677		677		663		640		728				677	97.97	92.09	93.33	94.46	Comm	Fluid bed
3010C14							48,166		48,166		48,146		49,042		47,308				48,166	75.00	72.49	63.39	70.35	Comm	Fluid bed
3010C13							55,101		55,101														97.31	Comm	Fluid bed
3012C1																								OS	Rotary kiln
3012C2																								OS	Rotary kiln
3014C2							2		2		2		2		2				2	85.57	89.10	83.26	86.22	OS	Rotary kiln
3016C12	13.0						1,842		1,842		4,703		578		999		1,383		1,842	98.98	99.01	98.00	99.01	OS	Multiple hearth
3016C10																								OS	Multiple hearth
3016C9																								OS	Multiple hearth
3016C7							349		349														99.00	OS	Multiple hearth
3016C8							1,727		1,727														99.26	OS	Multiple hearth
3018C2							9		9		9		8		9				9	24.60	21.51	25.12	23.90	OS	Liquid inj
3019C2							8		8		8		8		8				8	56.43	46.01	39.70	47.33	OS	Liquid inj
3020C1							2,672		2,672		1,942		3,805		2,269				2,672	99.36	99.68	99.68	99.60	OS	Liquid inj

EPA Cond ID	HW Type	Other	Test Type	Campaign	Spiking	Tier Hg	Worst Case vs Normal	Comments
222C13	Solid, liquid, sludge		Annual PT	1	N	1	N	
222C12	Solid, liquid, sludge		Annual PT	2	N	1	N	
222C11	Solid, liquid, sludge		Annual PT	3	N	1	N	
222C10	Solid, liquid, sludge		Annual PT	4	N	1	N	
222B6	Solid, liquid, sludge		RT	5	L	NA	NA	NE - Research test
222B3	Solid, liquid, sludge		Annual PT	6	UL	1	N	
222C1	Solid, liquid, sludge		TB	7	Y	3	NA	NE - System was later modified
3001C2	Liquid		TB	1	N	1	N	
3001C4	Liquid		RB	1	N	1	N	
3001C5	Liquid		RB	1	N	1	N	
3000C1	Liq, solid		TB	1	N	1	N	
3000C2	Liq, solid		TB	1	N	1	N	
3003C1	Solid	Chem demil	TB	1	UL	1	N	Tests considered to be the same campaign; recent test added new mode of operation
3003C3	Solid	Chem demil	TB	1	UL	1	N	
3003C4	Solid	Chem demil	B	1	N	1	NA	NE - Baseline test
3004C2	Solid, residual liq	Chem demil	TB	1	UL	1	N	Tests considered to be the same campaign; recent test added new mode of operation
3004C3	Solid, residual liq	Chem demil	B	1	UL	1	N	
3004C1	Solid, residual liq	Chem demil	TB	1	UL	1	N	
3005C3	Liquid	Chem demil	TB	1	N	1	N	Tests considered to be the same campaign; recent test added new mode of operation
3005C1	Liquid	Chem demil	TB	1	N	1	N	
3005C2	Liquid	Chem demil	B	1			NA	NE - Baseline test
3007C3	Liquid, sludge		TB	1	N	1	N	
3007C1	Liquid, sludge		TB	1	N	1	N	
3007C2	Liquid, sludge		TB	1	N	1	N	
3008C3	Solid and liquid	DoD popping	TB	1	N	1	N	Tests considered to be the same campaign; recent test added new mode of operation
3008B1	Solid and liquid	DoD popping	TB	1	UL	1	N	
3008B2	Solid and liquid	DoD popping	TB	1	UL	1	N	
3008B3	Solid and liquid	DoD popping	TB	1	UL	1	N	
3010C18	Solid and liquid		Annual PT	1	N	1	N	
3010C16	Solid and liquid		Annual PT	2	N	1	N	
3010C15	Solid and liquid		Annual PT	3	N	1	N	
3010C14	Solid and liquid		Annual PT	4	L	3	WC	
3010C13	Solid and liquid		TB	5	L	3	WC	
3012C1	Solids		TB	1	N	1	N	
3012C2	Solids		TB	1	N	1	N	
3014C2	Solid and liquid		TB	1	N	1	N	
3016C12	Sludge, grit		TB	1	Y	3	WC	
3016C10	Sludge, grit		MB	2	Y	3	NA	NE - miniburn, not clear if source established limits based on miniburn
3016C9	Sludge, grit		MB	2	Y	3	NA	NE - miniburn, not clear if source established limits based on miniburn
3016C7	Sludge, grit		MB	3	Y	3	NA	NE - miniburn, not clear if source established limits based on miniburn
3016C8	Sludge, grit		MB	3	Y	3	NA	NE - miniburn, not clear if source established limits based on miniburn
3018C2	Liq		TB	1	Y	3	WC	
3019C2	Liq		TB	1	Y	3	WC	
3020C1	Liquid, slurry, gas		TB	1	UL	1	N	

EPA Cond ID	Facility	Location	Cond Date	APCS	Summary Comments	Condition Description	Hg Stack Gas Emissions (ug							
							Cond Avg		Run 1		Run 2		Run 3	
							Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND
3020C2	General Electric Company, S	Waterford	2/26/92	QC/PCS/IWS		Trial burn, maximum heat duty, reduced ash and chlorine fe	4.5		2.2		3.9		7.5	
3022C1	Safety Kleen (BDT), Inc.	Clarence	12/11/00	Q/VS/FBF		Max load, normal operations	5,116.6		10,020.9		3,086.2		2,242.6	
3024C1	Dow Chemical Company	La Porte	7/14/99	Q/WSC/CSC		Trial burn, max feedrate and max comb temp	1.6		1.6	100	1.6	100	1.6	100
3027C2	Celanese LTD.	Pasadena	9/24/98	SC		Trial burn, high temp	1.0		1.1		1.0		1.0	
3028C3	Oxy Vinyls, LP VCM Incinerat	Deer Park	1/30/99	WQ/PB/SCs		Risk burn (Slightly higher than annual median waste feedra	0.2		0.2	100	0.2	100	0.2	100
327C10	Safety Kleen	Aragonite	6/13/01	CI/SD/FF/WS/WS/WESP		Trial burn, to set oper limits on all constituents	190.6		132.6		90.0		349.3	
327C1	Safety Kleen	Aragonite	8/1/92	SD/FF/WS/WESP		RCRA trial burn (max. liquid feed)	1,395.9		1,461.0		599.6		2,127.1	
327C2	Safety Kleen	Aragonite	8/1/92	SD/FF/WS/WESP		RCRA trial burn (max. sludge feed)	409.4		599.1		328.8		300.1	
327C3	Safety Kleen	Aragonite	8/1/92	SD/FF/WS/WESP		RCRA trial burn (max. heat input)	1,178.0		788.9		157.8		2,587.4	
331C10	Ross Environmental Services	Grafton	10/18/00	PT/IWS		Low temperature, DRE, high solids, APCD detuned	25.4		28.9		23.6		23.8	
331C1	Ross Environmental Services	Grafton	3/1/93	PT/IWS		State test burn	38.2		51.8		44.3		18.4	
338C10	Du Pont	Orange	7/25/00	QC/FF/SS/C/HES/DM		Trial - risk burn (DRE)	1.3		1.4	100	1.4	100	1.2	100
338C1	Du Pont	Orange	8/1/90	QC/FF/SS/C/HES/DM	Nor	Typical operating parameters	27.7		8.2		31.5		43.3	
338C2	Du Pont	Orange	8/1/90	QC/FF/SS/C/HES/DM		RCRA trial burn (max. comb. temp., waste, chlorine feed)	89.6		103.1		75.9		89.8	
340C1	Miles	New Martinsville	9/1/92	WHB/ESP/WS		RCRA trial burn (max. liquid/ash feed)	7.4		5.6		9.1		7.5	
340C2	Miles	New Martinsville	9/1/92	WHB/ESP/WS		RCRA trial burn (max. heat input)	12.3		10.3		13.1		13.5	
341C10	Glaxo Wellcome, Inc.	Research Triangle Park	4/20/99	HE/FF		Trial burn, high temp for liq mode oper.	7.3		1.2	100	11.9		8.7	
341C12	Glaxo Wellcome, Inc.	Research Triangle Park	4/20/99	HE/FF		Trial burn, high temp for solid mode oper. Max batch size	4.5		6.7		5.0		1.8	
341C1	Glaxo Wellcome, Inc.	RTP	10/1/93	DA/DI/FF/HEPA/CA		RCRA trial burn (max. heat input)	1.3	100	1.4	100	1.3	100	1.3	100
341C2	Glaxo Wellcome, Inc.	RTP	10/1/93	DA/DI/FF/HEPA/CA		RCRA trial burn ("normal" for metals)	1.3	100	1.3	100	1.3	100	1.2	100
342C1	Pharmacia Upjohn	Kalamazoo	3/16/92	WHB/QC/S/VS/DM		RCRA trial burn ("normal" metals)	6.2		6.7		4.4		7.7	
344C10	JACADS	Johnston Atoll	4/11/97	WQ/VS/PBS/DM		Agent GB (Sarin) trial burn	0.4		0.4	100	0.4	100	0.4	100
344C3	JACADS	Johnston Atoll	2/1/93	WQ/VS/PBS/DM		Demo test burn HD feed	5.3	24	1.5	100	1.4	100	13.2	
346C10	JACADS	Johnston Atoll	3/2/98	C/QC/VS/PT/DM		GB Trial Burn	1.5		1.4	100	1.7	100	1.5	100
346C1	JACADS	Johnston Atoll	6/23/92	C/QC/VS/PT/DM		RCRA trial burn M55 VS Rockets	0.4		0.2		0.2		0.4	
347C8	TOCDF	Tooele	4/9/97	C/QT/VS/PBS/DM			2.4		2.3		2.5		2.5	
349C11	Alliant Ammunition and Powd	Radford	6/13/00	AB/FF/Q/PBS		Trial burn, max comb temp, max feedrate	0.2		0.2		0.2		0.1	
354C1	Dow	Midland	4/1/92	QC/AS/VS/DM/IWS		RCRA trial burn (max. chlorine/metal feed)	1.3	20	1.1		3.4		0.3	100
354C5	Dow	Midland	9/1/92	QC/AS/VS/DM/IWS		RCRA trial burn (metals test, max. chlorine)	42.7		44.3		35.2		49.8	
357C12	DOE Oak Ridge K-25	Oak Ridge	5/15/01	Q/VS/PBS/IWS		Trial burn, max temp, max metals	9.5		11.3	100	10.7	100	6.5	100
454C10	FMC Corporation, Agriculture	Baltimore	7/18/00	Q/S/WESP		Trial burn, high temperature operation, spiking of ash and m	28.0		29.4		27.0		27.6	
454C11	FMC Corporation, Agriculture	Baltimore	10/25/00	Q/S/WESP		Trial burn, minimum furnace temperature	2.2		2.4	100	2.3	100	1.9	100
470C10	JACADS	Johnston Atoll	3/15/01	WQ/VS/PBS/DM		Halogenated waste trial burn, no metals spiking nor DRE	1.3		1.9	100	1.0	100	0.9	100
470C11	JACADS	Johnston Atoll	3/19/99	WQ/VS/PBS/DM		Trial burn, low temp, no metals spiking	71.6		122.6	100	89.1	100	71.9	100
470C12	JACADS	Johnston Atoll	3/1/98	WQ/VS/PBS/DM		Trial burn burn, GB-8inch M426 feed	65.2		2.9		59.3		90.6	
470C1	JACADS	Johnston Atoll	12/16/92	WQ/VS/PBS/DM		RCRA trial burn	7.5	11	1.8	100	14.2		10.0	
480C3	Ciba Geigy	St. Gabriel	5/31/94	QC/HS		Trial burn repermitting test	35,735.2		41,355.2		39,502.4		26,348.1	
490C1	Ciba Geigy	Mc Intosh	6/1/94	SS/PBS			27.7				30.3		23.4	

EPA	/dscm)						Hg Feedrate MTEC Cond Avg (ug/dscm)				Hg Feed MTEC Total by Run (ug/dscm)									Hg SRE (%)				Class	System
Cond ID	Run 4		Run 5		Run 6		HW	Other	Total	ND	Run 1		Run 2		Run 3		Run 4		Cond Avg	Run 1	Run 2	Run 3	Cond Avg		Design
	Emiss	ND	Emiss	ND	Emiss	ND				%	Feed	ND	Feed	ND	Feed	ND	Feed	ND							
3020C2							1,711		1,711		1,712		1,709		1,712				1,711	99.87	99.77	99.56	99.74	OS	Liquid inj
3022C1							1,358		1,358														-276.80	Comm	Fixed hearth
3024C1							1		1		1		1		1				1	-100.00	-100.00	-100.00	-100.00	OS	Liquid inj
3027C2							1		1		1		1		1				1	27.97	25.64	28.06	27.24	OS	Liquid inj
3028C3							3		3	50	3	100	3	100	3	100			3	94.35	94.24	93.51	94.03	OS	Liquid inj
327C10							4,572		4,572		4,628		4,478		4,606				4,571	97.13	97.99	92.42	95.83	Comm	Rotary kiln
327C1							20,381		20,381	9	7,389		33,426		20,327				20,381	80.23	98.21	89.54	93.15	Comm	Rotary kiln
327C2							13,440		13,440	9	11,904		7,940		20,476				13,440	94.97	95.86	98.53	96.95	Comm	Rotary kiln
327C3							9,543		9,543	2	9,374		11,958		7,298				9,543	91.58	98.68	64.55	87.66	Comm	Rotary kiln
331C10									0															Comm	Rotary kiln
331C1									0															Comm	Rotary kiln
338C10																								OS	Rotary kiln
338C1							96		96		102		93		93				96	92.01	65.97	53.22	71.13	OS	Rotary kiln
338C2							145		145		158		138		138				145	34.84	45.14	34.80	38.11	OS	Rotary kiln
340C1							65		65	53	121	84	51	70	24	50			65	95.39	82.20	68.35	88.69	OS	Fluid bed
340C2							44		44	40	24	32	83	80	25	28			44	56.51	84.18	45.80	71.91	OS	Fluid bed
341C10							8		8		5		8		11				8	78.41	-44.68	19.56	10.92	OS	Fixed hearth
341C12							6		6		6		7		6				6	-22.13	33.19	70.91	29.60	OS	Fixed hearth
341C1							6		6	100	6	100	6	100	6	100			6	77.53	77.55	77.96	77.68	OS	Fixed hearth
341C2							17		17	42	22	26	18	29	10	36			17	94.40	92.77	88.05	92.53	OS	Fixed hearth
342C1																								OS	Rotary kiln
344C10	0.4	100																						OS	Liquid inj
344C3	5.0																							OS	Liquid inj
346C10	1.5	100																						OS	Rotary kiln
346C1	0.7																							OS	Rotary kiln
347C8																								OS	Rotary kiln
349C11							0		0		0	100	0	100	0	100			0	12.79	1.07	54.42	23.70	OS	Rotary Kiln
354C1	0.3	100					1,818	4	1,822	0	1,800		1,775		1,879		1,698		1,818	99.94	99.81	99.98	99.93	OS	Rotary kiln
354C5	41.6						1,551		1,551		1,489		1,524		1,639		1,690		1,551	97.02	97.69	96.96	97.24	OS	Rotary kiln
357C12							106		106		150		87		79				106	92.47	87.68	91.76	90.97	OS	Rotary kiln
454C10							50		50		98		14		37				50	70.01	-97.02	25.48	43.57	OS	Liquid inj
454C11							1		1		1	50	1	50	1	50			1	-238.19	-182.99	-97.20	-164.88	OS	Liquid inj
470C10	1.5	100																						OS	Hearth
470C11	2.9	100																						OS	Hearth
470C12	108.0																							OS	Hearth
470C1	4.1																							OS	Fixed hearth
480C3							63,205		63,205		67,577		60,733		61,304				63,205	38.80	34.96	57.02	43.46	OS	Rotary kiln
490C1	29.4						19		19	68			16		13		28		19		-87.96	-78.57	-46.15	OS	Rotary kiln

EPA Cond ID	HW Type	Other	Test Type	Campaign	Spiking	Tier Hg	Worst Case vs Normal	Comments
3020C2	Liquid, slurry, gas		TB	1	UL	1	N	
3022C1	Solid		TB	1	U	U	U	Unknown if spiked and whether OPLs were established
3024C1	Liq		TB	1	N	1	N	
3027C2	Liq		TB	1	N	1	N	
3028C3	Liquid, gas		RB	1	N	1	N	
327C10	Solid and liquid		TB	1	Y	3	WC	
327C1	Solid and liquid		TB	2	Y	3	WC	
327C2	Solid and liquid		TB	2	Y	3	IB	
327C3	Solid and liquid		TB	2	Y	3	IB	
331C10	Solid and liquid		TB	1	UL	1	N	
331C1	Solid and liquid		TB	2	UL	1	N	
338C10	Liquid, sludge, aqueous, drum		TB	1	UL	1	N	
338C1	Liquid, sludge, aqueous, drum		TB	2	UL	1	N	
338C2	Liquid, sludge, aqueous, drum		TB	2	UL	1	N	
340C1	Liquid, sludge		TB	1	UL	1	N	
340C2	Liquid, sludge		TB	1	UL	1	N	
341C10	Solid and liquid		TB	1	UL	1	N	
341C12	Solid and liquid		TB	1	UL	1	N	
341C1	Solid and liquid		TB	2	UL	1	N	
341C2	Solid and liquid		TB	2	UL	1	N	
342C1	Solid, liquid		TB	1	UL	1	N	
344C10	Liquid	Chem demil	TB	1	UL	1	N	
344C3	Liquid	Chem demil	TB	1	UL	1	N	
346C10	Solid	Chem demil	TB	1	UL	1	N	
346C1	Solid	Chem demil	TB	1	UL	1	N	
347C8	Solid and liquid	Chem demil	TB	1	UL	1	N	
349C11	Solid and liquid	Propellant	TB	1	UL	1	N	
354C1	Solid and liquid		TB	1	Y	3	IB	
354C5	Solid and liquid		TB	1	Y	3	WC	
357C12	Liquid, solid	Mixed waste	TB	1	N	1	N	
454C10	Liquid organics, tar, gases		TB	1	Y	3	WC	
454C11	Liquid organics, tar, gases		TB	1	N	1	N	
470C10	Liquid	Chem demil	TB	1	UL	1	N	All tests considered to be the same campaign; recent test added new mode of operation
470C11	Liquid	Chem demil	TB	1	UL	1	N	
470C12	Liquid	Chem demil	TB	1	UL	1	N	
470C1	Liquid	Chem demil	TB	1	UL	1	N	
480C3	Solid, liquid		TB	1	Y	3	WC	
490C1	Solid, liquid		TB	1	UL	1	N	

EPA	Facility	Location	Cond	APCS	Summary	Condition	Hg Stack Gas Emissions (ug							
Cond ID			Date		Comments	Description	Cond Avg		Run 1		Run 2		Run 3	
							Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND
492C11	Texas Eastman	Longview	10/1/98	HE/VS/PB/DM		Trial burn - worst-case metals	4,247.4		3,744.0		4,631.7		4,366.7	
492C3	Texas Eastman	Longview	2/2/91	HE/VS/PB/DM		med sludge, med liquid, min temp	6.07		9.3		4.4		4.5	
492C2	Texas Eastman	Longview	2/1/91	HE/VS/PB/DM		Max sludge, min liquid, max temp	3.46		3.2		3.5		3.7	
492C1	Texas Eastman	Longview	1/31/91	HE/VS/PB/DM		Max liquid, minimum sludge, high temp	5.70		8.2		4.2		4.7	
493C1	TOCDF	Tooele	7/7/97	C/QT/VS/PBS/DM			5.6		6.4		6.4		4.0	
494C1	TOCDF	Tooele	8/15/97	C/QT/VS/PBS/DM			5.2		5.0		4.6		6.1	
495C11	PPG	Circleville	11/18/97	WHB/ESP/IDF/QT/PBS		Trial Burn, High Temperature, Metals Spike (Pb,Cr,As)	4.1		7.9		2.6		1.7	
495C1	PPG	Circleville	1/11/88	WHB/ESP/IDF/QT/PBS			17,402.9		28,750.5		17,979.4		11,829.3	
495C2	PPG	Circleville	1/11/88	WHB/ESP/IDF/QT/PBS			6,456.6		6,478.9		6,738.9		6,863.4	
495C3	PPG	Circleville	1/11/88	WHB/ESP/IDF/QT/PBS			3,610.1				1,991.6		5,532.2	
503C10	Lake City Army Ammunition P	Independence	11/28/95	C/HE/FF		Trial burn, 5.56mm M855 SAWS feed, max metal feed	17.1		20.6		13.7		16.9	
503C11	Lake City Army Ammunition P	Independence	11/28/95	C/HE/FF		Trial burn, 20mm M56 HEI feed, max metal feed	117.3		111.0		132.0		109.0	
503C1	Lake City Army Ammunition P	Independence	3/1/93	C/HE/FF		RCRA trial burn primed cartridge waste	1.3		1.7		0.9		1.2	
503C2	Lake City Army Ammunition P	Independence	3/1/93	C/HE/FF		RCRA trial burn ball round waste	45.3		4.9		32.1		98.9	
503C3	Lake City Army Ammunition P	Independence	05/30/91	C/HE/FF		Trial burn, 20MM M96 PROJECTILE FEED	18.7		5.8		5.0		45.2	
503C4	Lake City Army Ammunition P	Independence	05/30/91	C/HE/FF		Trial burn, FA-965 PRIMER FEED	7.2		5.0		11.2		5.5	
600C11	Dow Chemical Company	Freeport	9/15/00	Q/SC/AF/ABS/WHB		Risk burn, normal temp, normal feedrate	0.0		0.0	100	0.0	100	0.0	100
603C10	Chemical Waste Mgmt Port A	Port Arthur	3/23/00	WQ/ABS/4-IWS		RCRA / TSCA Trial burn	8.3		5.9		5.5		13.4	
603C12	Chemical Waste Mgmt Port A	Port Arthur	7/1/98	WQ/ABS/4-IWS		Bi-annual testing	610.2							
603C13	Chemical Waste Mgmt Port A	Port Arthur	7/1/98	WQ/ABS/4-IWS		Bi-annual testing	185.9							
603B3	Chemical Waste Mgmt Port A	Port Arthur	10/19/94	WQ/ABS/4-IWS			841.7		899.3		1,171.7		454.0	
603C3	Chemical Waste Mgmt Port A	Port Arthur	9/21/92	WQ/ABS/4-IWS			4.4		1.9		2.0		9.3	
603C8	Chemical Waste Mgmt Port A	Port Arthur	5/20/90	WQ/ABS/4-IWS	MB prob		5.3		3.2		4.0		8.7	
604C10	BASF	Geismar	3/1/96	WQ/VS/DM			0.4	80	0.4	100	0.5	100	0.4	100
604C1	BASF	Geismar	9/15/92	WQ/VS/DM		Trial burn (initial)	0.5		0.4	100	0.5	100	0.4	100
609C11	Safety-Kleen Inc.	Deer Park	4/1/98	SS/PT/VS/DM	3 units emitting as one source	Risk burn, high temp, max RR feed, spike metals	32.6		45.3		27.3		25.4	
609C13	Safety-Kleen Inc.	Deer Park	4/1/98	SS/PT/VS/DM	3 units emitting as one source	Trial burn, max temp, spike metals	47.3		46.0		52.4		43.5	
609C1	Safety Kleen	Deer Park	4/1/95	SS/PT/VS/DM	3 units emitting as one source		34.0		20.3		13.4		68.3	
489C1	Safety Kleen	Deer Park	10/1/89	SS/PT/VS/DM	Not representative kiln arrangement		22.3		10.9		17.7		38.3	
488C1	Safety Kleen	Deer Park	9/1/89	SS/PT/VS/DM	Not representative kiln arrangement		11.6		6.8		20.2		7.7	
488C2	Safety Kleen	Deer Park	9/1/89	SS/PT/VS/DM	Not representative kiln arrangement		9.7		12.4		8.9		7.9	
488C3	Safety Kleen	Deer Park	9/1/89	SS/PT/VS/DM	Not representative kiln arrangement		1.8		2.3		1.5		1.7	
221C1	Safety Kleen	Deer Park	8/1/88	SS/PT/VS	Not representative kiln arrang	RCRA trial burn	4.6		6.7		5.4		1.7	
221C2	Safety Kleen	Deer Park	8/1/88	SS/PT/VS	Not representative kiln arrang	RCRA trial burn	27.2		49.1		11.9		20.7	
221C3	Safety Kleen	Deer Park	8/1/88	SS/PT/VS	Not representative kiln arrang	RCRA trial burn	0.1		0.2		0.1		0.0	
221C4	Safety Kleen	Deer Park	8/1/88	SS/PT/VS	Not representative kiln arrang	RCRA trial burn	17.8		33.7		6.0		13.7	
221C5	Safety Kleen	Deer Park	8/1/88	SS/PT/VS	Not representative kiln arrang	RCRA trial burn	0.1		0.0		0.0		0.1	
613C10	Texas Eastman	Longview	9/24/98	WHB/QC/HES/PBS		Trial burn, high temp metals and chlorine determination	540.6		588.4		545.7		487.7	
700C1	Du Pont	Wilmington	11/1/92	SD/RJS/VS/WS		RCRA trial burn (max. temp., metals feed)	2.4		2.2	100	3.0	100	1.8	100
705C1	Ciba Geigy	Mc Intosh	3/22/90	QT/VS/PT/WESP	MB prob	RCRA trial burn	4.2	22	10.3		1.5	100	0.7	
705C2	Ciba Geigy	Mc Intosh	3/22/90	QT/VS/PT/WESP	MB prob	RCRA trial burn	25.1		5.5		40.5		29.4	
707C10	Dupont	LaPorte	3/21/01	SC/ABS/Q		Trial burn, max temp, max feedrate, worst oper cond	1.4		2.2	100	1.3	100	0.7	100
712C11	Nepera Incorporated	Harriman	11/14/95	WHB		Trial burn, max feedrate, high temp	1.3		1.3	100	1.4	100	1.3	100

EPA	/dscm)						Hg Feedrate MTEC Cond Avg (ug/dscm)				Hg Feed MTEC Total by Run (ug/dscm)									Hg SRE (%)				Class	System
Cond ID	Run 4		Run 5		Run 6		HW	Other	Total	ND	Run 1		Run 2		Run 3		Run 4		Cond Avg	Run 1	Run 2	Run 3	Cond Avg		Design
	Emiss	ND	Emiss	ND	Emiss	ND				%	Feed	ND	Feed	ND	Feed	ND	Feed	ND							
492C11							3,679	0	3,679	0	3,746		3,696		3,596				3,679	0.04	-25.33	-21.42	-15.45	OS	Fluid bed
492C3							7		7	100	6	100	7	100	7	100				-57.86	34.69	36.92	7.73		Fluid bed
492C2							30		30	100	28	100	30	100	31	100				88.67	88.09	88.24	88.32		Fluid bed
492C1							29		29	100	29	100	28	100	31	100				71.44	85.04	84.71	80.48		Fluid bed
493C1							2		2		3		3		1				2	-95.86	-125.87	-207.99	-126.91	OS	Liquid inj
494C1							1		1				1		0				1		-296.21	-3024.06	-675.19	OS	Rotary kiln
495C11																								OS	Rotary kiln
495C1	11,052.3						111,478		111,478		128,383		108,061		99,017		110,452		111,478	77.61	83.36	88.05	84.39	OS	Rotary kiln
495C2	5,745.1						110,503		110,503		115,573		97,628		126,643		102,166		110,503	94.39	93.10	94.58	94.16	OS	Rotary kiln
495C3	3,306.7						8		8				6		7		11		8		-35696.51	-77405.24	-45472.31	OS	Rotary kiln
503C10																								OS	Rotary kiln
503C11																								OS	Rotary kiln
503C1																								OS	Rotary kiln
503C2																								OS	Rotary kiln
503C3																									Rotary kiln
503C4																									Rotary kiln
600C11							13		13		13		13		14				13	99.73	99.71	99.74	99.73	OS	Rotary kiln
603C10																								Comm	Rotary kiln
603C12							912		912														33.10	Comm	Rotary kiln
603C13							945		945														80.33	Comm	Rotary kiln
603B3																								Comm	Rotary kiln
603C3																								Comm	Rotary kiln
603C8							0	0	0	100	0	100	0	100	0	100			0	-2173.02	-2493.04	-6171.57	-7244.54	Comm	Rotary kiln
604C10	0.3	100					8	0	8	50	7	100	12	100	7	100	7	100	8	94.43	96.00	93.81	95.11	OS	Liquid inj
604C1	0.6																							OS	Liquid inj
609C11							26		26		25		29		25				26	-83.71	4.39	-1.84	-25.42	Comm	Rotary kiln
609C13							242		242		242		234		250				242	80.99	77.59	82.62	80.46	Comm	Rotary kiln
609C1																								Comm	Rotary kiln
489C1							138		138	3	288		101		26				138	96.21	82.47	-45.41	83.87	Comm	Rotary kiln
488C1							12		12	12	20		2		15				12	65.71	-876.27	48.25	5.88	Comm	Rotary kiln
488C2							17		17	7	10		28		14				17	-26.37	68.72	44.62	44.35	Comm	Rotary kiln
488C3							13		13	16	17	10	16	15	5	100			13	86.09	90.72	68.16	85.58	Comm	Rotary kiln
221C1							6		6	59	4	100	4	100	10				6	-86.68	-39.69	84.13	23.42	Comm	Rotary kiln
221C2							25		25	37	9	100	53	6	12	34			25	-470.91	77.65	-77.05	-10.95	Comm	Rotary kiln
221C3							22		22	40	19	18	26	5	22	16			22	99.12	99.52	99.80	99.50	Comm	Rotary kiln
221C4							8		8	100	8	100	8	100	8	100			8	-327.03	21.09	-77.64	-130.48	Comm	Rotary kiln
221C5							48		48	4	53	11	44	5	47				48	99.92	99.89	99.82	99.88	Comm	Rotary kiln
613C10							1,676		1,676		1,708		1,666		1,654				1,676	65.55	67.24	70.51	67.74	OS	Rotary kiln
700C1							5	1	6	100	5	100	4	100	4	100			5	53.51	31.87	58.82	48.29	OS	Fixed hearth
705C1							0		0	100	0	100	0	100	0	100			0	-23029.36	-2792.80	-1503.93	-9023.29	OS	Rotary kiln
705C2							6		6	100	11	100	4	100	4	100			6	48.20	-897.77	-728.76	-296.83	OS	Rotary kiln
707C10							8		8		8		8		8				8	70.87	83.29	90.36	81.50	OS	Liquid inj
712C11							6		6		4		8		4				6	71.45	82.84	68.35	76.21	OS	Liquid inj

EPA Cond ID	HW Type	Other	Test Type	Campaign	Spiking	Tier Hg	Worst Case vs Normal	Comments
492C11	Liquid and sludge		TB	1	Y	3	WC	
492C3	Liquid and sludge				N	1		
492C2	Liquid and sludge				N	1		
492C1	Liquid and sludge				N	1		
493C1	Liquid	Chem demil	TB	1	UL	1	N	
494C1	Solid, liquid	Chem demil	TB	1	UL	1	N	
495C11	Solid, liquid, sludge		TB	1	N	1	N	
495C1	Solid, liquid, sludge		TB	2	Y	3	WC	
495C2	Solid, liquid, sludge		TB	2	Y	3	IB	
495C3	Solid, liquid, sludge		TB	2	Y	3	IB	Feedrates likely underreported
503C10	Solids	DoD popping	TB	1	UL	1	N	All tests considered to be the same campaign; recent test added new mode of operation
503C11	Solids	DoD popping	TB	1	UL	1	N	
503C1	Solids	DoD popping	TB	1	UL	1	N	
503C2	Solids	DoD popping	TB	1	UL	1	N	
503C3	Solids	DoD popping	TB	1	UL	1	N	
503C4	Solids	DoD popping	TB	1	UL	1	N	
600C11	Liq and solid		TB	1	UL	1	N	
603C10	Liquid and solid		TB	1	N	1	N	
603C12	Liquid and solid		TB	2	Y	3	WC	
603C13	Liquid and solid		TB	2	Y	3	IB	
603B3	Liquid and solid		TB	3	L	3	WC	
603C3	Liquid and solid		TB	4	UL	1	N	
603C8	Liquid and solid		TB	5	UL	1	N	
604C10	Liquid, gas		TB	1	UL	1	N	
604C1	Liquid, gas		TB	2	UL	1	N	
609C11	Liq and solid		RB	1	UL	1	N	
609C13	Liq and solid		TB	1	UL	1	N	
609C1	Liq and solid		TB	2	UL	1	N	
489C1	Liq and solid		TB	3	UL	1	NA	NE - reflects old kiln arrangement
488C1	Liq and solid		TB	3	UL	1	NA	NE - reflects old kiln arrangement
488C2	Liq and solid		TB	3	UL	1	NA	NE - reflects old kiln arrangement
488C3	Liq and solid		TB	3	UL	1	NA	NE - reflects old kiln arrangement
221C1	Liq and solid		TB	4	N	1	NA	NE - reflects old kiln arrangement
221C2	Liq and solid		TB	4	N	1	NA	NE - reflects old kiln arrangement
221C3	Liq and solid		TB	4	N	1	NA	NE - reflects old kiln arrangement
221C4	Liq and solid		TB	4	N	1	NA	NE - reflects old kiln arrangement
221C5	Liq and solid		TB	4	N	1	NA	NE - reflects old kiln arrangement
613C10	Liquid, solid, gas		TB	1	Y	3	WC	
700C1	Solid, liquid, sludge		TB	1	UL	1	N	
705C1	Solid, liquid		TB	1	UL	1	N	
705C2	Solid, liquid		TB	1	UL	1	N	
707C10	Liq		TB	1	UL	1	N	
712C11	Liquid		TB	1	UL	1	N	

EPA	Facility	Location	Cond	APCS	Summary	Condition	Hg Stack Gas Emissions (ug							
Cond ID			Date		Comments	Description	Cond Avg		Run 1		Run 2		Run 3	
							Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND
725C1	ZENECA	Bayonne	6/19/90	WS/QT		RCRA trial burn	0.8	100						
806C1	AMOCO	Whiting	6/1/89	C/VS		RCRA trial burn (max. comb. temp., waste feed)	172.6		192.6		129.3		195.8	
806C2	AMOCO	Whiting	6/1/89	C/VS		RCRA trial burn (min. comb. temp., waste feed)	118.0		84.6		146.5		122.9	
824C1	Ausimont	Thorofare	10/1/89	QT/VS/PT/DM		RCRA trial burn	0.8		0.7		0.9		0.6	
825C11	General Electric Company, S	Waterford	12/15/95	QC/PTWS/IWS		Supplemental trial burn to verify certain aspects of performa	0.7		0.7	100	0.7	100	0.7	100
825C10	General Electric Company, S	Waterford	7/9/91	QC/PTWS/IWS		Trial burn, maximum heat duty, maximum flow, minimum te	4.9		5.0	100	5.1	100	4.7	100

EPA	/dscm)						Hg Feedrate MTEC Cond Avg (ug/dscm)				Hg Feed MTEC Total by Run (ug/dscm)									Hg SRE (%)				Class	System
Cond ID	Run 4		Run 5		Run 6		HW	Other	Total	ND	Run 1		Run 2		Run 3		Run 4		Cond Avg	Run 1	Run 2	Run 3	Cond Avg		Design
	Emiss	ND	Emiss	ND	Emiss	ND				%	Feed	ND	Feed	ND	Feed	ND	Feed	ND							
725C1	0.8	100	0.8	100	0.9	100																		OS	Liquid Inj
806C1																								OS	Fluid bed
806C2																								OS	Fluid bed
824C1							5		5	3	4		4		7				5	81.62	76.35	90.75	84.40	OS	Liquid inj
825C11							635	1	635		552		708		645				635	99.87	99.91	99.90	99.89	OS	Rotary kiln
825C10							7		7		6		7		6				7	21.87	26.39	25.46	24.61	OS	Rotary kiln

EPA Cond ID	HW Type	Other	Test Type	Campaign	Spiking	Tier Hg	Worst Case vs Normal	Comments
725C1	Liq		TB	1	UL	1	N	
806C1	Solid, liquid, sludge		TB	1	U	U	U	
806C2	Solid, liquid, sludge		TB	1	U	U	U	
824C1	Liq		TB	1	UL	1	N	
825C11	Liquid, slurry, solids		TB	1	U	U	U	Unknown if spiked and whether OPLs were established
825C10	Liquid, slurry, solids		TB	1	UL	1	N	