

US EPA ARCHIVE DOCUMENT

	1	2	3	4	5	6	8	18	20	21	22	25	30	31	32	
2	Source ID	Cond ID	Facility Information		Combustor Information		APCS	Comm	Condition Information			Spiking	Tier	Cl Emissions		
3	Number	Number	Facility Name	City	Combustor	Combustor	Detailed	vs On-site	Cond	Cond Description	Campaign			Rating	Rating	Comments
4					Category	Class	Acronym		Dates				Number			
5																
6	307	307C10	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	4/1/1999	Trial Burn, Minimum operating temperature	Y	3	1	CT		
7	307	307C11	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	4/1/1999	Trial Burn, elevated operating temperature, metals spikir	Y	3	1	IB		
8	307	307C1	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, LOW COMB TEMP, LOW HALOGEN FEED	L	3	2	CT		
9	307	307C2	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED	Y	3	2	IB		
10	307	307C3	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, LOW COMB TEMP, HIGH HALOGEN FEED, HIGIY	Y	3	2	IB		
11	307	307C4	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED, HIGY	Y	3	2	IB		
12	311	311C10	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	5/1/1999	COC, Metals SRE	Y	3	1	IB		
13	311	311C11	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	11/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	CT		
14	311	311C1	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	6/1/1992	CoC, MAX HW FEED,MAX RAW MATERIAL	L	3	2	CT		
15	312	312C10	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	5/1/1999	COC, Metals SRE	Y	3	1	IB		
16	312	312C11	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	11/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	CT		
17	312	312C2	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	5/1/1995	CoC	L	3	2	CT		
18	312	312C1	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	8/8/1992	CoC, MAX HW FEED, MAX RAW MATERIAL	L	3	3	CT		
19	313	313C10	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	12/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	IB		
20	313	313C11	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	5/1/1999	CoC, metals and chlorine SRE testing	Y	3	1	CT		
21	313	313C12	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	5/1/1999	CoC, PM and chlorine retest	Y	3	1	IB		
22	313	313C1	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	8/8/1992	MAX HW FEED,MAX RAW MATERIAL	L	3	2	CT		
23	314	314C10	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	12/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	IB		
24	314	314C11	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	5/1/1999	CoC, metals SRE	Y	3	1	CT		
25	314	314C3	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	5/1/1995	MAX HW FEED,MAX RAW MATERIAL	Y	3	2	CT		
26	314	314C1	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	8/8/1992	MAX HW FEED,MAX RAW MATERIAL	L	3	3	CT		
27	336	336C10	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	11/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	CT		
28	336	336C1	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	10/1/1993	DRE / dioxin testing, MAX CL FEED, HIGH COMB TEM	L	3	2	NA	Research testing	
29	336	336C2	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	10/1/1993	DRE / dioxin testing, MAX CL FEED, low COMB TEMP	Y	3	2	NA	Research testing; 1 run	
30	474	474C10	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	5/1/1999	COC, Metals SRE	Y	3	1	CT		
31	474	474C11	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	11/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	IB		
32	474	474C1	Solite Corp	Cascade	Lightweight a	Lightweight /QS/FF		Comm	6/1/1993	?	L	3	2	CT		
33	476	476C10	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	12/1/1999	Trial Burn, organics DRE, HCl/Cl2 emissions limits	Y	3	1	CT		
34	476	476C11	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	12/1/1999	CoC, high temperature metals and chlorine testing	Y	3	1	IB		
35	476	476C1	Solite Corp	Arvonnia	Lightweight a	Lightweight /WQ/FF		Comm	2/1/1993	?	Y	3	2	CT		
36	479	307C10	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	4/1/1999	Trial Burn, Minimum operating temperature	Y	3	1	NA	Data in lieu from sister kiln 307	
37	479	307C11	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	4/1/1999	Trial Burn, elevated operating temperature, metals spikir	Y	3	1	NA	Data in lieu from sister kiln 307	
38	479	307C1	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, LOW COMB TEMP, LOW HALOGEN FEED	L	3	2	NA	Data in lieu from sister kiln 307	
39	479	307C2	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED	Y	3	2	NA	Data in lieu from sister kiln 307	
40	479	307C3	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, LOW COMB TEMP, HIGH HALOGEN FEED, HIGIY	Y	3	2	NA	Data in lieu from sister kiln 307	
41	479	307C4	Norlite Corp.	Cohoes	Lightweight a	Lightweight /HE/MC/FF/VS/ME		Comm	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED, HIGY	Y	3	2	NA	Data in lieu from sister kiln 307	

LWAK, Chlorine

	2	34	36	38	40	58	61	62	63	64	65	66	67	68	69	70	71	82	83	86	87	88	89	90	91	92	93	10	105
2	Cond ID	Total Chlorine Stack Emissions (ppmv)					Cl SRE			Chlorine SRE (%)					Chlorine SRE Used For Evaluation Purposes (%)														
3	Number	R1	R2	R3	R4	Cond Avg	Camp	Rating	Comment	R1	R2	R3	R4	Cond Avg	R1	R2	R3	R4	Cond Avg										
4		Emiss	Emiss	Emiss	Emiss	Emiss	Number																						
5																													
6	307C10	91	145	114		116	1	CT		97.293	95.847	96.633		96.581	97.293	95.847	96.633		96.581										
7	307C11	29	39	36		35	1	IB		99.012	98.845	98.933		98.926	99.012	98.845	98.933		98.926										
8	307C1	28	22	98	22	43	2	CT		98.553	98.757	94.643	98.841	97.716	98.553	98.757	94.643	98.841	97.716										
9	307C2	23	33	29	21	26	2	IB		99.736	99.645	99.684	99.780	99.711	99.736	99.645	99.684	99.780	99.711										
10	307C3	11	15	13	16	14	2	IB		99.803	99.699	99.710	99.697	99.730	99.803	99.699	99.710	99.697	99.730										
11	307C4	39	30	27		32	2	IB		99.341	99.636	99.723		99.598	99.341	99.636	99.723		99.598										
12	311C10	1,422	1,424	903		1,250	1	IB	Cl not controlled; SREs set	-15.060	-27.820	20.701		-7.467	0.000	0.000	0.000		0.000										
13	311C11	1,628	1,607	1,504		1,580	1	CT	Cl not controlled; SREs set to 0					-8.544					0.000										
14	311C1	1,355	1,155	1,272		1,261	2	CT	Cl not controlled; SREs >	-56.887 >	-142.561 >	-219.260	>	-117.637	0.000	0.000	0.000		0.000										
15	312C10	861	1,016	1,189		1,022	1	IB	Cl not controlled; SREs set	5.189	3.379	-15.090		-2.447	0.000	0.000	0.000		0.000										
16	312C11	1,370	1,404	1,720		1,498	1	CT	Cl not controlled; SREs set to 0					-2.476					0.000										
17	312C2	544	470	560		525																							
18	312C1	1,317	1,313	1,095		1,242	2	CT	Cl not controlled; SREs >	-5.742 >	-8.177 >	16.009	>	0.968	0.000	0.000	0.000		0.000										
19	313C10	1,212	1,198	1,206		1,205	1	IB	Cl not controlled; SREs set to 0					0.064					0.000										
20	313C11	1,810	1,961	1,733		1,835	1	CT	Cl not controlled; SREs set	3.945 >	-2.962 >	10.241	>	3.747	0.000	0.000	0.000		0.000										
21	313C12	631	1,015	1,232		959	1	IB	Cl not controlled; SREs >	-1.707 >	14.026 >	-7.981	>	2.137	0.000	0.000	0.000		0.000										
22	313C1	1,574	1,533	1,488		1,532	2	CT	Cl not controlled; SREs >	-20.450 >	-5.380 >	-3.432	>	-9.396	0.000	0.000	0.000		0.000										
23	314C10	960	1,026	523		836	1	IB	Cl not controlled; SREs set to 0					23.345					0.000										
24	314C11	1,606	884	1,011		1,167	1	CT	Cl not controlled; SREs >	4.055 >	-7.949 >	-14.554	>	-3.687	0.000	0.000	0.000		0.000										
25	314C3	1,312	1,134	1,235		1,227	2	CT	Cl not controlled; SREs set	-12.312	15.661	-2.179		1.087	0.000	0.000	0.000		0.000										
26	314C1	921	824	815		853	3	CT	Cl not controlled; SREs >	11.238 >	12.447 >	20.771	>	14.855	0.000	0.000	0.000		0.000										
27	336C10	1,517	1,604	1,732		1,618	1	CT	Cl not controlled; SREs set to 0					-14.353					0.000										
28	336C1	985	937			961	2	NA	Cl not controlled; SREs set	18.377	27.192			22.926	0.000	0.000			0.000										
29	336C2	1,050				1,050	2	NA	Cl not controlled; SREs set	8.697				8.697	0.000	0.000			0.000										
30	474C10	1,869	1,312	1,951		1,711	1	IB	Cl not controlled; SREs set	-78.543	-29.436	-104.328		-70.200	0.000	0.000	0.000		0.000										
31	474C11	1,418	1,631	1,508		1,519	1	CT	Cl not controlled; SREs set to 0					3.027					0.000										
32	474C1	995	811	1,059		955	2	CT	Cl not controlled; SREs set	15.035	11.691	8.193		11.654	0.000	0.000	0.000		0.000										
33	476C10	1,220	3,127	2,919		2,422	1	CT	Cl not controlled; SREs set to 0					-80.120					0.000										
34	476C11	1,202	1,012	1,039		1,084	1	IB	Cl not controlled; SREs >	1.653 >	8.618 >	-0.003	>	3.307	0.000	0.000	0.000		0.000										
35	476C1	1,620	1,620	1,619		1,619	2	CT	Cl not controlled; SREs set	-5.402	-11.922	-6.743		-7.950	0.000	0.000	0.000		0.000										
36	307C10	91	145	114		116	1	NA	Data in lieu	97.293	95.847	96.633		96.581	97.293	95.847	96.633		96.581										
37	307C11	29	39	36		35	1	NA	Data in lieu	99.012	98.845	98.933		98.926	99.012	98.845	98.933		98.926										
38	307C1	28	22	98	22	43	2	NA	Data in lieu	98.553	98.757	94.643	98.841	97.716	98.553	98.757	94.643	98.841	97.716										
39	307C2	23	33	29	21	26	2	NA	Data in lieu	99.736	99.645	99.684	99.780	99.711	99.736	99.645	99.684	99.780	99.711										
40	307C3	11	15	13	16	14	2	NA	Data in lieu	99.803	99.699	99.710	99.697	99.730	99.803	99.699	99.710	99.697	99.730										
41	307C4	39	30	27		32	2	NA	Data in lieu	99.341	99.636	99.723		99.598	99.341	99.636	99.723		99.598										

LWAK, Chlorine

	2	108	109	110	113	114	115	116	117	118	119	120	121	138	139	155	156	157	159	161	163	165	173	
2	Cond ID	Chlorine Feedrate (Cond Avg) ug/dscm				Chlorine Feedrate Total (ug/dscm)										Thermal Emissions Rating			Chlorine HW Thermal Emiss (lb/10 ⁹ Btu)					
3	Number	HW	Spike	RM	Total	R1		R2		R3		R4		Cond Avg	Camp No	Rating	Rating	Comments	R1	R2	R3	R4	Cond Avg	
4						ND	ND	ND	ND	ND	ND	ND	ND	ND										
5																								
6	307C10	143,766	4,712,753	309,225	5,165,743		5,090,187		5,293,365		5,113,678				5,165,743				1 CT					359.7
7	307C11	112,058	4,458,524	354,101	4,924,683		4,523,266		5,138,294		5,112,489				4,924,683				1 IB					73.0
8	307C1	2,826,125			2,826,125		2,885,621		2,712,619		2,776,177		2,930,081		2,826,125				2 CT				37.9	70.4
9	307C2	7,300,840			13,902,184		13,149,393		14,217,635		13,900,056		14,341,652		13,902,184				2 IB				17.0	22.3
10	307C3	5,700,341	1,937,186		7,637,527		8,343,567		7,529,574		6,836,136		7,840,833		7,637,527				2 IB				30.2	27.4
11	307C4	5,468,380	3,640,803		12,145,577		9,078,057		12,468,013		14,890,661				12,145,577				2 IB					51.0
12	311C10	311,056	1,431,675	20,013	1,762,745		1,873,478		1,689,216		1,725,540				1,762,745				1 CT					2,593.9
13	311C11				2,206,446										2,206,446									
14	311C1	878,175		168,496	1,046,671	11	1,470,631	18	883,763	23	785,619				1,046,671				2 CT					2,125.7
15	312C10	249,834	1,112,316	150,251	1,512,400		1,376,483		1,594,474		1,566,244				1,512,400				1 CT					1,472.7
16	312C11				2,216,249										2,216,249									
17	312C2																							
18	312C1	1,901,291		155,848	2,057,139	9	2,064,312	7	1,984,683	7	2,122,422				2,057,139				2 CT					1,542.6
19	313C10				1,828,392										1,828,392									
20	313C11	1,183,054	1,682,536	50,245	2,915,836	0	2,856,463	1	2,924,682	1	2,966,362				2,915,836				1 CT					3,014.3
21	313C12	311,665	1,174,106	37,948	1,523,719	4	977,198	2	1,827,828	2	1,766,130				1,523,719				1 IB					1,553.2
22	313C1				2,267,695	6	2,114,532	7	2,363,251	6	2,325,303				2,267,695				2 CT					1,953.1
23	314C10				1,653,914										1,653,914									
24	314C11	551,164	1,153,847	40,963	1,745,974	2	2,578,186	3	1,282,342	3	1,377,393				1,745,974				1 CT					1,873.2
25	314C3	1,490,674		389,874	1,880,547		1,770,987		2,038,706		1,831,949				1,880,547									
26	314C1	1,520,119		330,389	1,850,508	17	1,902,357	19	1,754,696	18	1,894,473				1,850,508				2 CT					887.7
27	336C10				2,144,421										2,144,421									
28	336C1	1,428,146		461,855	1,890,001		1,829,241		1,950,762						1,890,001				2 NA	Research testing				834.9
29	336C2	1,362,104		381,101	1,743,204		1,743,204								1,743,204				2 NA	Research testing				1,003.4
30	474C10	282,504	1,218,350	22,838	1,523,693		1,587,301		1,536,542		1,447,236				1,523,693				1 CT					2,237.9
31	474C11				2,374,361										2,374,361									
32	474C1	1,419,207		219,068	1,638,274		1,774,973		1,391,667		1,748,183				1,638,274				2 CT					1,217.0
33	476C10				2,038,388										2,038,388									
34	476C11	331,310	1,370,989	235,943	1,938,243	12	2,100,087	13	1,919,255	12	1,795,386				1,938,243				1 CT					1,574.3
35	476C1	2,118,317		155,739	2,274,056		2,329,340		2,193,757		2,299,071				2,274,056				2 CT					1,884.2
36	307C10	143,766	4,712,753	309,225	5,165,743		5,090,187		5,293,365		5,113,678				5,165,743				1 NA	Data in lieu				359.7
37	307C11	112,058	4,458,524	354,101	4,924,683		4,523,266		5,138,294		5,112,489				4,924,683				1 NA	Data in lieu				73.0
38	307C1	2,826,125			2,826,125		2,885,621		2,712,619		2,776,177		2,930,081		2,826,125				2 NA	Data in lieu			37.9	70.4
39	307C2	7,300,840			13,902,184		13,149,393		14,217,635		13,900,056		14,341,652		13,902,184				2 NA	Data in lieu				22.3
40	307C3	5,700,341	1,937,186		7,637,527		8,343,567		7,529,574		6,836,136		7,840,833		7,637,527				2 NA	Data in lieu				27.4
41	307C4	5,468,380	3,640,803		12,145,577		9,078,057		12,468,013		14,890,661				12,145,577				2 NA	Data in lieu				51.0

LWAK, Chlorine

	2	174	175	176	177	178	179	180	181	188	189
2	Cond ID	Chlorine in HW (lb/MMBtu)									
3	Number	R1	R2	R3	R4	Cond Avg					
4											
5											
6	307C10	11.66	11.39	8.62							10.56
7	307C11	6.42	7.42	6.54							6.79
8	307C1	2.90	2.80	3.11	3.27						3.02
9	307C2	8.21	8.26	6.75	7.74						7.74
10	307C3	11.31	10.47	8.88	9.96						10.16
11	307C4	11.19	11.88	12.92							12.00
12	311C10	2.29	2.34	2.72							2.45
13	311C11										
14	311C1	1.39	0.86	0.67							0.97
15	312C10	1.14	1.52	1.63							1.43
16	312C11										
17	312C2										
18	312C1	1.52	1.53	1.62							1.56
19	313C10										
20	313C11	3.06	3.39	2.91							3.12
21	313C12	1.00	1.72	2.01							1.57
22	313C1	1.68	1.86	1.82							1.78
23	314C10										
24	314C11	2.68	1.26	1.47							1.80
25	314C3										
26	314C1	1.05	0.97	1.12							1.04
27	336C10										
28	336C1	1.08	1.08								1.08
29	336C2	1.10									1.10
30	474C10	1.55	1.29	1.11							1.32
31	474C11										
32	474C1	1.49	1.27	1.38							1.38
33	476C10										
34	476C11	1.81	1.58	1.50							1.63
35	476C1	2.10	1.10	2.06							1.76
36	307C10	11.66	11.39	8.62							10.56
37	307C11	6.42	7.42	6.54							6.79
38	307C1	2.90	2.80	3.11	3.27						3.02
39	307C2	8.21	8.26	6.75	7.74						7.74
40	307C3	11.31	10.47	8.88	9.96						10.16
41	307C4	11.19	11.88	12.92							12.00