



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

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Incinerator Summary Report - January 2019

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	23	24	24	24	24	23.5	23.5	0	0	0	12	19	20.5	24	24	23	15	24
	Gas	h	2	0	0	0	0	1.5	1.5	1	0	8.5	12	6	2.5	0	0	1	8.5	0
	Residue & gas	h	1	0	0	0	0	1	1	0	0	0	0.5	1	0	0	0	0	0	0
	Idle	h	0	0	0	0	0	0	0	0	23	24	15.5	0.5	0	1	0	0	0	0.5
Total flow	Residue	kg	9966.6	10107	9231.9	8872.5	8872.8	8078.3	8074.2	2.7	0	0	4910.3	8020.7	9078	10808.9	10133	8453.9	5190.6	7504
	Gas	m3	232.6	0	0	0	0	157.1	157.1	139.2	0	1000.6	1413.6	639.1	280.5	0	0	123.2	1004.9	0
	Air	m3	133413	128362	121875	122417	122382	110564	110522	142346	64945	99394	132425	138716	142931	145336	133271	114999	102896	96521
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
	Ave	mg/m3	3.4	0	112.5	0	0	2.4	234				0	0	0	151	288.7	130.8	107.4	88.2
	Max	mg/m3	118.5	0	1175.9	0	0	112.1	731.9				0	0	0	793.9	743.4	257.3	1281	271.8
	Exceeds daily ELV ?	[ 400 mg/m3 ]	N	N	N	N	N	N	N			N	N	N	N	N	N	N	N	N
CO (normalised)	Min	mg/m3	0	0	-2.5	0	0	0	-2.4				0	0	0	-2.2	-2.1	-2.3	-2.5	-1.6
	Ave	mg/m3	0	0	-0.2	0	0	0	-1.3				0	0	0	-0.4	-1.5	-1.4	-0.2	-0.7
	Max	mg/m3	0.7	0	0	0	0	0	0				0	0	0	0	0	0	0.3	0
	30m ELV exceedances	[ 100 mg/m3 ]	0	0	0	0	0	0	0			N	0	0	0	0	0	0	0	0
Exceeds daily ELV ?	[ 50 mg/m3 ]	N	N	N	N	N	N	N			N	N	N	N	N	N	N	N	N	
Particulates (normalised)	Min	mg/m3	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
	Ave	mg/m3	0	0	0.5	0	0	0	2.8				0	0	0	0.1	0.4	0.3	0.1	0.3
	Max	mg/m3	0.5	0	4.8	0	0	1	5.5				0	0	0	0.6	0.5	0.7	0.8	1
	30m ELV exceedances	[ 30 mg/m3 ]	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
Exceeds daily ELV ?	[ 10 mg/m3 ]	N	N	N	N	N	N	N			N	N	N	N	N	N	N	N	N	
VOC (normalised)	Min	mg/m3	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
	Ave	mg/m3	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
	Max	mg/m3	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
	30m ELV exceedances	[ 20 mg/m3 ]	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0
Exceeds daily ELV ?	[ 10 mg/m3 ]	N	N	N	N	N	N	N			N	N	N	N	N	N	N	N	N	

NOTES

Invalid data points are not reported because the incinerator is not operated at any time whilst CEM equipment is being maintained or calibrated



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Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	24	24	24	23	17	6.5	21	24	24	24	22.5	15.5	10.5	587.5
	Gas	h	0	0	0	1.5	7	19.5	3	0	0	0	2	7	0	84.5
	Residue & gas	h	0	0	0	0.5	1	2	0	0	0	0	0.5	1	0	9.5
	Idle	h	0	0	0	0	1	0	0	0	0	0	0	2.5	13.5	81.5
Total flow	Residue	kg	7185.8	7199.7	7216.5	6925.3	4980.1	2112.4	7771.5	9014.8	8991	9005.6	8256.8	5390.7	3623.4	215 tonnes
	Gas	m3	0	0	0	164.1	763.8	2087.5	378	0	0	0	206.6	819.9	0	9568 m3
	Air	m3	97902	99888	99454	102559	106074	116278	122309	123798	123254	121498	119816	115241	47550	3558935 m3
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	114.7	103.7	20.3	18	110.9	97.8	0.6	0	0	0	2.9	2.6	0	
	Max	mg/m3	226.9	253.4	216.6	212	522	511.3	27.1	0	0	0	91.1	44.6	0	
	Exceeds daily ELV ?	[ 400 mg/m3 ]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-1.7	-1.5	-1.2	-1.1	-4.6	-3.4	0	0	0	0	-3.5	-0.8	0	
	Ave	mg/m3	-0.8	-0.5	-0.1	-0.1	-1	-0.8	0	0	0	0	0	0	0	
	Max	mg/m3	0	0	0	0	0	0.9	1.4	0	0	0	3	0	0	
	30m ELV exceedances	[ 100 mg/m3 ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0 exceedances
Exceeds daily ELV ?	[ 50 mg/m3 ]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances	
Particulates (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	0.2	0.1	0	0	0.1	0.1	0	0	0	0	0	0	0	
	Max	mg/m3	0.4	0.4	0.3	0.3	0.6	0.3	0.2	0	0	0	0.4	0.2	0	
	30m ELV exceedances	[ 30 mg/m3 ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0 exceedances
Exceeds daily ELV ?	[ 10 mg/m3 ]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances	
VOC (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	0	0	0	0	0.1	0	0	0	0	0	0	0	0	
	Max	mg/m3	0	0	0	0	0.9	0.2	0	0	0	0	0	0.1	0	
	30m ELV exceedances	[ 20 mg/m3 ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0 exceedances
Exceeds daily ELV ?	[ 10 mg/m3 ]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances	

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