



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 01/04/2019

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

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Incinerator Summary Report - March 2019

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	16	24	16	20	20	11	11	7	24	24	13	0	0	0	0	0	0	1
	Gas	h	8	0	8.5	4	4	11.5	11.5	15.5	0	0	1.5	0	0	0	0	0	3.5	22
	Residue & gas	h	0.5	0	0.5	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0.5
	Idle	h	0.5	0	0	0	0	2.5	2.5	2.5	0	0	9.5	24	24	24	24	24	20.5	1.5
Total flow	Residue	kg	6204.1	10200.1	6612.4	7859.3	7925.6	3997.8	3996.9	2460.1	9609.3	9594.7	5075.3	0	0	0	0	0	0	246
	Gas	m3	991.1	0	923	429	408.8	1350.9	1350.9	1863.4	0	0	161.7	0	0	0.1	0	0	400	2553.8
	Air	m3	129778	136253	125136	125163	125502	119357	119344	121673	120959	126645	102998	67366	69422	67434	67045	62586	84772	142687
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0							0
	Ave	mg/m3	16.9	0	1.1	16.7	0	0	30.7	98.8	0	0	2.1							0
	Max	mg/m3	432.3	0	33.8	188.2	0	0	675.8	848	0	0	54.8							0
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N						N	
CO (normalised)	Min	mg/m3	-1.8	0	-0.9	-2.2	0	0	-2.2	-4.4	0	0	-1.3							0
	Ave	mg/m3	-0.1	0	0	-0.3	0	0	-0.1	-0.5	0	0	0							0
	Max	mg/m3	0	0	0	0	0	0	0	0	0	0	0							0
	30m ELV exceedances	[100 mg/m3]	0	0	0	0	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	
Particulates (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0							0
	Ave	mg/m3	0	0	0	0.1	0	0	0.1	0.3	0	0	0							0
	Max	mg/m3	0.6	0	0.2	0.5	0	0	1.8	2.8	0	0	0.5							0
	30m ELV exceedances	[30 mg/m3]	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	
VOC (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0							0
	Ave	mg/m3	0.2	0	0	0.1	0	0	0.2	1.1	0	0	0							0
	Max	mg/m3	2.3	0	0.1	2.1	0	0	4.9	6.6	0	0	0.4							0
	30m ELV exceedances	[20 mg/m3]	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	

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	19.5	24	24	24	17	0	0	0	0	14	24	23.5	9.5	366.5
	Gas	h	5	0	0	0	2	0	0	0	11.5	10.5	0	0	0.5	119.5
	Residue & gas	h	0.5	0	0	0	0.5	0	0	0	0	0.5	0	0	0.5	6.5
	Idle	h	0	0	0	0	5.5	24	24	24	12.5	0	0	0.5	14.5	264.5
Total flow	Residue	kg	6833.2	8632.2	8648.2	7838	5005.6	0	0	0	0	4738.4	8411.1	8050.2	3262.4	135.2 tonnes
	Gas	m3	589.4	0	0	0	237.6	0	0	0	1264.5	1213.7	0	0	687.6	14425 m3
	Air	m3	120482	122225	120344	108273	94459	65871	66986	66024	97946	104555	109448	106007	40880	3137619 m3
NOx (normalised)	Min	mg/m3	0	0	0	0	0					0	0	0	0	
	Ave	mg/m3	0	0	0	0	0					0	0	0	0	
	Max	mg/m3	0	0	0	0	0					0	0	0	0	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N				N	N	N	N		0 exceedances
CO (normalised)	Min	mg/m3	0	0	0	0	0					0	0	0	0	
	Ave	mg/m3	0	0	0	0	0					0	0	0	0	
	Max	mg/m3	0	0	0	0	0					0	0	0	0	
	30m ELV exceedances	[100 mg/m3]	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		0 exceedances
Particulates (normalised)	Min	mg/m3	0	0	0	0	0					0	0	0	0	
	Ave	mg/m3	0	0	0	0	0					0	0	0	0	
	Max	mg/m3	0	0	0	0	0					0	0	0	0	
	30m ELV exceedances	[30 mg/m3]	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		0 exceedances
VOC (normalised)	Min	mg/m3	0	0	0	0	0					0	0	0	0	
	Ave	mg/m3	0	0	0	0	0					0	0	0	0	
	Max	mg/m3	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 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N	N				N	N	N	N		0 exceedances

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