



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 08/01/2019

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

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Incinerator Summary Report - July 2018

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Idle	h	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Total flow	Residue	kg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gas	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Air	m3	31716	15654	6832	8005	7995	21147	21157	16693	6880	2252	-2410	-4307	9204	22071	-4646	-1330	8383	21274
NOx (normalised)	Min	mg/m3																		
	Ave	mg/m3																		
	Max	mg/m3																		
	Exceeds daily ELV ?	[400 mg/m3]																		
CO (normalised)	Min	mg/m3																		
	Ave	mg/m3																		
	Max	mg/m3																		
	30m ELV exceedances	[100 mg/m3]																		
Exceeds daily ELV ?	[50 mg/m3]																			
Particulates (normalised)	Min	mg/m3																		
	Ave	mg/m3																		
	Max	mg/m3																		
	30m ELV exceedances	[30 mg/m3]																		
Exceeds daily ELV ?	[10 mg/m3]																			
VOC (normalised)	Min	mg/m3																		
	Ave	mg/m3																		
	Max	mg/m3																		
	30m ELV exceedances	[20 mg/m3]																		
Exceeds daily ELV ?	[10 mg/m3]																			

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	0	0	0	0	0	0	0	1.5	22.5	21	24	20.5	22	111.5
	Gas	h	0	0	0	0	0	0	0.5	10.5	2	3	0	4	3	23
	Residue & gas	h	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	1	3
	Idle	h	24	24	24	24	24	24	23.5	12.5	0	0.5	0	0	0	612.5
Total flow	Residue	kg	0	0	0	0	0	0	0	596	11331.5	11339.2	13195.6	10667.1	11367.2	58.5 tonnes
	Gas	m3	0	0	0	0	7.8	42.3	1233.5	220.1	351	0	403.7	332.3		2591 m3
	Air	m3	866	9562	28490	36536	26509	61667	42736	117735	153106	157910	168724	152992	159178	1302579 m3
NOx (normalised)	Min	mg/m3								13.4	14	13.8	15.2	14.5	14.6	
	Ave	mg/m3								14	15.4	15.3	15.4	15.2	15.3	
	Max	mg/m3								14.4	19	16.1	16.5	19.2	18.8	
	Exceeds daily ELV ?	[400 mg/m3]								N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3								252.1	13	-8.3	-25.2	37.1	20.3	
	Ave	mg/m3								288.4	70.5	36.8	57.8	132.2	98	
	Max	mg/m3								358.3	193	194	119.5	581.2	536.6	
	30m ELV exceedances	[100 mg/m3]								3	8	1	4	11	13	40 exceedances
Exceeds daily ELV ?	[50 mg/m3]								Y	Y	N	Y	Y	Y	5 exceedances	
Particulates (normalised)	Min	mg/m3								16.2	4.7	-1.6	0	-2.3	-3.4	
	Ave	mg/m3								34.4	19.2	2.9	0.7	-1.8	-2.1	
	Max	mg/m3								49.7	51.5	6.8	2.3	0	2	
	30m ELV exceedances	[30 mg/m3]								2	9	0	0	0	0	11 exceedances
Exceeds daily ELV ?	[10 mg/m3]								Y	Y	N	N	N	N	2 exceedances	
VOC (normalised)	Min	mg/m3								1.1	0.3	0.6	3.1	1.4	0.8	
	Ave	mg/m3								1.2	1.9	5.4	4.4	6	6.5	
	Max	mg/m3								1.2	2.7	59	5.4	30.9	17.8	
	30m ELV exceedances	[20 mg/m3]								0	0	1	0	2	0	3 exceedances
Exceeds daily ELV ?	[10 mg/m3]								N	N	N	N	N	N	0 exceedances	

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