



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 - November 2018

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	24	24	24	24	24	24	24	24	11	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	0	0	0	0	0	0	0	0	13	24	24	24	24	24	24	24	24	24
Total flow	Residue	kg	8688.2	8406.4	7794	7790.5	8790.8	8794.4	9618.1	9618.4	4263.5	0	0	0	0	0	0	0	0	0
	Gas	m3	0	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0	0
	Air	m3	110484	115291	97735	97641	117642	117719	120012	124134	85217	110455	113841	53248	56711	52798	58554	46218	43375	41376
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	288.9	199.9	86.4									
	Ave	mg/m3	0	0	0	28.2	23.1	107.8	324.7	321.7	200.5									
	Max	mg/m3	0	0	0	248.4	264.2	839.6	616	414.6	247.5									
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N									
CO (normalised)	Min	mg/m3	0	0	0	-0.5	0	-1.9	-2.4	-2.4	-2.4									
	Ave	mg/m3	0	0	0	0	0	-0.1	-2.2	-2.3	-2.2									
	Max	mg/m3	0	0	0	0	0.5	0	0	0	0									
	30m ELV exceedances	[100 mg/m3]	0	0	0	0	0	0	0	0	0									
Particulates (normalised)	Min	mg/m3	0	0	0	0	0	0	10.2	9.9	3.6									
	Ave	mg/m3	0	0	0	0.2	0.1	1.6	11.6	11.5	10.8									
	Max	mg/m3	0	0	0	2.2	2.4	13.1	12.6	12.5	12									
	30m ELV exceedances	[30 mg/m3]	0	0	0	0	0	0	0	0	0									
VOC (normalised)	Min	mg/m3	0	0	0	0	0	0	0.4	0.3	0.1									
	Ave	mg/m3	0	0	0	0	0	0.1	0.4	0.4	0.3									
	Max	mg/m3	0	0	0	0.3	0.6	0.8	0.6	0.6	0.4									
	30m ELV exceedances	[20 mg/m3]	0	0	0	0	0	0	0	0	0									
	Exceeds daily ELV ?	[10 mg/m3]	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	TOTALS
Running time	Residue	h	0	0.5	6.5	6.5	15.5	24	24	24	24	24	24	17.5	393.5
	Gas	h	3	23.5	15.5	18	8.5	0	0	0	0	0	0	6	74.5
	Residue & gas	h	0	0	1	2	0	0	0	0	0	0	0	0.5	3.5
	Idle	h	21	0	3	1.5	0	0	0	0	0	0	0	1	255.5
Total flow	Residue	kg	0	96.8	1954.4	1990.4	7652.4	11996	12500.2	13194.3	13193.4	13210.2	13179.6	8707.5	171.4 tonnes
	Gas	m3	324.1	2713.6	1727.1	2053.3	985.1	0	0	0	0	0	0	796.8	8600 m3
	Air	m3	73748	129477	130735	108299	128097	148847	150354	156614	166906	168181	166430	149805	3239944 m3
NOx (normalised)	Min	mg/m3		276.7	0	0	0	89.9	0	0	0	0	0	0	
	Ave	mg/m3		276.7	686.3	724.5	194.7	190.6	95.8	0	0	25.7	0	5.8	
	Max	mg/m3		276.7	1674.7	1780	563.6	444.7	551.8	0	0	332.5	0	85.6	
	Exceeds daily ELV ?	[400 mg/m3]	N	Y	Y	N	N	N	N	N	N	N	N		2 exceedances
CO (normalised)	Min	mg/m3		-1.2	-2.2	-2.3	-2.5	-2.5	-2.5	0	0	0	0	-1.1	
	Ave	mg/m3		-1.2	-1.1	-0.2	-1.5	-1.6	-0.6	0	0	0	0	0	
	Max	mg/m3		0	0	2.7	0	0.2	0	0	0	0	0	0	
	30m ELV exceedances	[100 mg/m3]		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		0 exceedances
Particulates (normalised)	Min	mg/m3		0.4	0	0	0	0.3	0	0	0	0	0	0	
	Ave	mg/m3		0.4	0.3	0.3	0.4	0.5	0.2	0	0	0.2	0	0	
	Max	mg/m3		0.4	0.5	0.5	0.6	4.6	0.7	0	0	3.1	0	0.4	
	30m ELV exceedances	[30 mg/m3]		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		3 exceedances
VOC (normalised)	Min	mg/m3		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	
	Max	mg/m3		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 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N	N	N	N	N	N	N	N		0 exceedances

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