



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 20/06/2019

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Related Document: BU2357/AP3634

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Incinerator Summary Report - May 2019

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	23.5	23.5	24	24	24	23	24	24	24	24	24	23.5	24
	Gas	h	0	0	0	0	0	1.5	1.5	0	0	0	1	0	0	0	0	0	0.5	0
	Residue & gas	h	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	8400.6	8420	8386.7	8381.3	8381.4	7978	7978.3	8386.1	8386.6	8407	7931.2	8382	8410.1	8391.6	8407.8	8410.9	7804	8164.4
	Gas	m3	0	0	0	0	0	109.4	109.4	0	0	0	136.6	0	0	0	0	0	60.4	0
	Air	m3	120279	116923	111628	116893	116845	107533	107597	107908	113326	120021	119187	118714	119877	121095	116597	118493	112767	116157
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ave	mg/m3	0	0	0	0	0	0	35.9	0	0	0	9.4	0	0	0	0	0	18	0
	Max	mg/m3	0	0	0	0	0	0	1209.9	0	0	0	432	0	0	0	0	0	846.7	0
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CO (normalised)	Min	mg/m3	0	0	0	0	0	0	-3.5	0	0	0	-2.9	0	0	0	0	0	-4.4	0
	Ave	mg/m3	0	0	0	0	0	0	-0.1	0	0	0	-0.1	0	0	0	0	0	-0.1	0
	Max	mg/m3	0	0	0	0	0	0	1.5	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	0	0	0	0	0	0
Particulates (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ave	mg/m3	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.1	0
	Max	mg/m3	0	0	0	0	0	0	2.1	0	0	0	1.9	0	0	0	0	0	2.8	0
	30m ELV exceedances	[30 mg/m3]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VOC (normalised)	Min	mg/m3	0	0	0	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	0	0	0
	Max	mg/m3	0	0	0	0	0	0	0.7	0	0	0	0.4	0	0	0	0	0	0.5	0
	30m ELV exceedances	[20 mg/m3]	0	0	0	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	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	24	24	4.5	0	0	0	0	7.5	24	24	609.5
	Gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Idle	h	0	0	0	0	0	19.5	24	24	24	24	16.5	0	0	132
Total flow	Residue	kg	8399.4	8371.3	8278.5	8208.5	8138.4	1461.9	0	0	0	0	2298.1	7661	7685.9	209.5 tonnes
	Gas	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	416 m3
	Air	m3	123343	130034	136282	133220	130158	23174	0	0	0	0	31137	104749	102220	2996155 m3
NOx (normalised)	Min	mg/m3	0	0	29	79.9	130.9	126.7					64.5	167.5	163.8	
	Ave	mg/m3	240.4	8	53.9	104.9	155.8	179					229.1	222.9	208	
	Max	mg/m3	1264.1	27.9	78.9	129.8	180.8	189.2					262.4	252	219.4	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N				N	N	N		0 exceedances
CO (normalised)	Min	mg/m3	-6.9	-0.4	-1.1	-1.8	-2.5	-2.6					-6.8	-6.8	-6.4	
	Ave	mg/m3	-1.1	-0.1	-0.8	-1.5	-2.2	-2.5					-6.2	-6.4	-6.2	
	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	0.4	1.2	1.9	1.9					2.3	4.7	4.3	
	Ave	mg/m3	1.3	0.2	0.8	1.6	2.3	2.7					5.6	5.5	5.2	
	Max	mg/m3	6	1.9	1.2	1.9	2.7	2.8					6.8	6.9	5.7	
	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	0.1	0.1	0.1					0.1	0.2	0.2	
	Ave	mg/m3	0.1	0	0.1	0.1	0.2	0.2					0.3	0.3	0.3	
	Max	mg/m3	0.7	0.3	0.1	0.1	0.2	0.2					0.4	0.4	0.4	
	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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