



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 14/11/2019

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

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Incinerator Summary Report - September 2019

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	21	4	20	23.5	24	20.5	24	24	23	23	22.5	18
	Gas	h	0	0	0	0	22	22	3	18.5	5	0.5	0	4	0	1	1	2	6.5
	Residue & gas	h	0	0	0	0	0	0	2.5	1	0	0	1	0	0	0	0	0.5	1
	Idle	h	24	24	24	24	2	2	4	0	0	0	0.5	0	0	0	0	0	0.5
Total flow	Residue	kg	0	0	0	0	0	6946.6	1064.1	7268.8	8733.8	8988.8	7402.9	9004	8884.7	7898	7913.9	7756.6	5998.4
	Gas	m3	0	0	0	0	2563.3	2563.3	434.2	2112.1	582.2	94.8	0	480.1	0	118.8	117.2	236.2	697.5
	Air	m3	44119	51759	37910	37760	130279	132356	100562	121336	108058	113762	113160	110523	111733	106871	105334	109078	105906
NOx (normalised)	Min	mg/m3						0	0	0	0	0	0	0	0	0	0	0	0
	Ave	mg/m3						42.9	27.6	3.3	0.2	491.5	216.2	0	0	0.6	0	6	0.9
	Max	mg/m3						896.5	196.1	68.7	8.8	1203.2	673.2	0	0	27.9	0	137.8	31.8
	Exceeds daily ELV ?	[400 mg/m3]					N	N	N	N	Y	N	N	N	N	N	N	N	N
CO (normalised)	Min	mg/m3						-3.6	-1	-2	-0.3	-4.9	-4.6	0	0	-1.2	0	-2.8	-1.5
	Ave	mg/m3						-0.1	-0.2	-0.1	0	-3.1	-1.7	0	0	0	0	-0.1	0
	Max	mg/m3						3	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	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	0.5	0.3	0	0	0	0	0	0
	Max	mg/m3						0.4	0.2	0.3	0.1	0.8	0.6	0	0	0.2	0	0.5	0.2
	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	N
VOC (normalised)	Min	mg/m3						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
	Max	mg/m3						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
	Exceeds daily ELV ?	[10 mg/m3]					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	TOTALS
Running time	Residue	h	24	24	24	14	13	21	24	24	24	24	24	11.5	499
	Gas	h	0	0	0	8.5	11.5	4	0	0	0	0	0	0	109.5
	Residue & gas	h	0	0	0	1.5	0.5	1	0	0	0	0	0	0	9
	Idle	h	0	0	0	3	0	0	0	0	0	0	0	12.5	120.5
Total flow	Residue	kg	8388.9	8389.2	8375.4	4908.3	4434.3	7098.6	8777.8	9105.2	9330.9	9346.4	9367.7	4344.6	179.7 tonnes
	Gas	m3	0	0	0	942.3	1347.6	449	0	0	0	0	0	0	12739 m3
	Air	m3	107935	112907	110960	119964	101899	111585	118374	119324	126600	124301	125202	56595	3082244 m3
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	1 exceedances
	Ave	mg/m3	0	0	0	9.6	0	2.1	0.1	0	8	0	0	0	
	Max	mg/m3	0	0	0	151.8	0	56.8	2.9	0	229.6	0	0	0	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	
CO (normalised)	Min	mg/m3	0	0	0	-3.3	0	-0.7	0	0	-1.2	0	0	0	0 exceedances
	Ave	mg/m3	0	0	0	-0.3	0	0	0	0	-0.1	0	0	0	
	Max	mg/m3	0	0	0	0	0	0.5	0	0	0	0	0	0	
	30m ELV exceedances	[100 mg/m3]	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 exceedances
	Ave	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	
	Max	mg/m3	0	0	0	0.4	0	0.4	0.1	0	0.2	0	0	0	
	30m ELV exceedances	[30 mg/m3]	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 exceedances
	Ave	mg/m3	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	
	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	0 exceedances

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