



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 18/06/2019

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

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Incinerator Summary Report - April 2019

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	18.5	20.5	24	24	24	24	24	24	24	23.5	24	24	24	24	24	24	24	24
	Gas	h	6	4	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
	Residue & gas	h	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Idle	h	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	6144.6	6541.5	7910	7908.8	7933.2	7932.9	7926	7934.8	7927.7	7669.7	7928.2	7935.4	7924.4	7903.7	7927.6	7923.8	7916.3	7913.4
	Gas	m3	712.9	434	0	0	0	0	0	0	0	79.3	0	0	0	0	0	0	0	0
	Air	m3	107932	103431	109704	109687	114418	114385	116617	114063	111561	109513	109651	108596	109195	115320	117051	119237	120672	119826
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	1.6	0	0	20.5	0	0	0	0	7.3	0	0	0	0	0	0	0	4.6
	Max	mg/m3	0	64.5	0	0	308.8	0	0	0	0	249.8	0	0	0	0	0	0	0	221.4
	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	-2.5	0	0	-3.8	0	0	0	0	-2.8	0	0	0	0	0	0	0	-1.5
	Ave	mg/m3	0	-0.1	0	0	-0.5	0	0	0	0	-0.1	0	0	0	0	0	0	0	0
	Max	mg/m3	0	0	0	0	0	0	0	0	0	0.3	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	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max	mg/m3	0	0.7	0	0	0.9	0	0	0	0	1.6	0	0	0	0	0	0	0	1.6
	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	0.2	0	0	0.5	0	0	0	0	0.3	0	0	0	0	0	0	0	0.2
	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	TOTALS
Running time	Residue	h	24	24	24	24	24	23	24	24	24	24	24	18	703.5
	Gas	h	0	0	0	0	0	2	0	0	0	0	0	6.5	19
	Residue & gas	h	0	0	0	0	0	1	0	0	0	0	0	1.5	4
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	1	1.5
Total flow	Residue	kg	7930.2	7915.5	7929.6	7935.5	8118.2	7796.7	8393.9	8408.3	8391.5	8397.4	8411.2	5977.8	234.8 tonnes
	Gas	m3	0	0	0	0	0	193.1	0	0	0	0	0	731.2	2151 m3
	Air	m3	116769	118053	117823	118830	114136	113219	115182	107662	118431	116948	119613	117787	3425314 m3
NOx (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	0	0	0	0	0	2.9	0	0	0	0	0	85.9	
	Max	mg/m3	0	0	0	0	0	75.9	0	0	0	0	0	1039.8	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	0	0	0	0	0	-3	0	0	0	0	0	-4.1	
	Ave	mg/m3	0	0	0	0	0	-0.1	0	0	0	0	0	-0.6	
	Max	mg/m3	0	0	0	0	0	0.7	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 exceedances
	Exceeds daily ELV ?	[50 mg/m3]	N	N	N	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	0	0	0	
	Ave	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0.6	
	Max	mg/m3	0	0	0	0	0	0.6	0	0	0	0	0	13.9	
	30m ELV exceedances	[30 mg/m3]	0	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	N	0 exceedances
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	1.3	
	Max	mg/m3	0	0	0	0	0	0.9	0	0	0	0	0	24.8	
	30m ELV exceedances	[20 mg/m3]	0	0	0	0	0	0	0	0	0	0	0	1	1 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances

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