



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

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Date of Issue: 21/12/2006

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Page: 1 of 2

Incinerator Summary Report - November 2013

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	13	24	24	24	24	24	24	24	24	24	24	24
	Gas	h	0	0	0	0	0	0	8.5	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	2.5	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	8398.5	8401.3	8402.7	8399.8	8402.5	8398.5	4681.3	8399.8	8400.7	8407	8400	8400.5	8403.5	8400.2	8399.7	8401.2	8401	8399.8
	Gas	m3	0	0	0	0	0	0	1366.7	0	0	0	0	0	0	0	0	0	0	0
	Air	m3	104148	102808	103298	101890	104750	106070	124046	102499	101415	105107	107949	112722	109259	107622	107449	111763	110991	109287
NOx (normalised)	Min	mg/m3	95.7	99.3	136.3	136.3	134.3	139.7	140	131.3	132	149.7	145.3	196	216.7	210	182.7	220	205	191.7
	Ave	mg/m3	125.5	128.3	157.3	158.7	165.6	184.7	194.9	144.3	162.9	173.3	176.9	269.2	293.3	272.3	332.3	301	271.4	239.7
	Max	mg/m3	160.7	158.7	189.3	202.3	190.3	227	533	164.7	202	206.7	237.3	410.3	424.3	344	491.3	412.7	406.7	330.7
	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	-6.5	-6.5	-6.5	-5.7	-5.5	-5.6	-5.7	-5.5	-5.5	-5.9	-6.5	-6.5	-6.3	-5.5	-5.5	-6.2	-6.1	-5.7
	Ave	mg/m3	-6.3	-6.3	-5.9	-5.5	-5.4	-5.5	-5.4	-5.3	-5.4	-5.5	-5.8	-6.3	-5.5	-5.4	-5.4	-5.7	-5.7	-5.5
	Max	mg/m3	0	0	0	0	0	0	0	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	0.7	0.6	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.4	0.4	0.7	0.7	0.6
	Ave	mg/m3	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.7	0.6	0.5	0.6	0.7	0.7	0.6
	Max	mg/m3	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.8	0.7	0.6	0.7	0.7	0.7	0.7
	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	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
	Ave	mg/m3	0.1	0	0	0	0	0	0.1	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4
	Max	mg/m3	0.4	0	0	0	0.1	0	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5
	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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Page: 2 of 2

Incinerator Summary Report - November 2013

Day			19	20	21	22	23	24	25	26	27	28	29	30	TOTALS
Running time	Residue	h	24	21	24	21	24	24	13	0	0	0	0	1.5	573.5
	Gas	h	0	3	0	3	0	0	4.5	0	0	0	4	19	42
	Residue & gas	h	0	0.5	0	1	0	0	0.5	0	0	0	0	1.5	3.5
	Idle	h	0	0.5	0	1	0	0	7	24	24	24	20	5	108
Total flow	Residue	kg	8399.3	7206.2	8399.3	6993.8	8396.2	8402.3	4478.8	0	0	0	0	262.2	200 tonnes
	Gas	m3	0	447	0	409.5	0	0	646	0	0	0	580.3	2836.5	6286 m3
	Air	m3	101763	109517	104628	112557	106750	100816	86691	44336	56225	56699	80764	185285	3079101 m3
NOx (normalised)	Min	mg/m3	152	95.7	196.3	83.3	142	140.3	208.7					360.7	
	Ave	mg/m3	292.8	214.9	239.9	255.6	224	229	241.6					412.3	
	Max	mg/m3	411.3	757.7	330.3	649	307	313.3	297.7					466.7	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N				Y		1 exceedances
CO (normalised)	Min	mg/m3	-5.5	-5.5	-5.5	-5.5	-5.5	-5.6	-5.5					-4.3	
	Ave	mg/m3	-5.5	-5.1	-5.5	-5.2	-5.5	-5.3	-5					-2.7	
	Max	mg/m3	0	0	0	0	0	0	0					0.3	
	30m ELV exceedances	[100 mg/m3]	0	0	0	0	0	0	0					0	0 exceedances
	Exceeds daily ELV ?	[50 mg/m3]	N	N	N	N	N	N					N		0 exceedances
Particulates (normalised)	Min	mg/m3	0.6	0.4	0.4	0.2	0.4	0.4	0.3					0.3	
	Ave	mg/m3	0.6	0.4	0.5	0.5	0.4	0.4	0.4					0.4	
	Max	mg/m3	0.7	0.6	0.6	0.6	0.4	0.4	0.4					0.5	
	30m ELV exceedances	[30 mg/m3]	0	0	0	0	0	0	0					0	0 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N	N	N					N		0 exceedances
VOC (normalised)	Min	mg/m3	0.1	0	0.2	0.1	0.1	0.1	0.3					0	
	Ave	mg/m3	0.4	0.3	0.4	0.4	0.3	0.3	0.4					0	
	Max	mg/m3	0.5	0.9	0.5	1	0.5	0.5	0.7					0	
	30m ELV exceedances	[20 mg/m3]	0	0	0	0	0	0	0					0	0 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N	N	N					N		0 exceedances

NOTES

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Title: Reporting Incinerator CEM Oxides of Nitrogen

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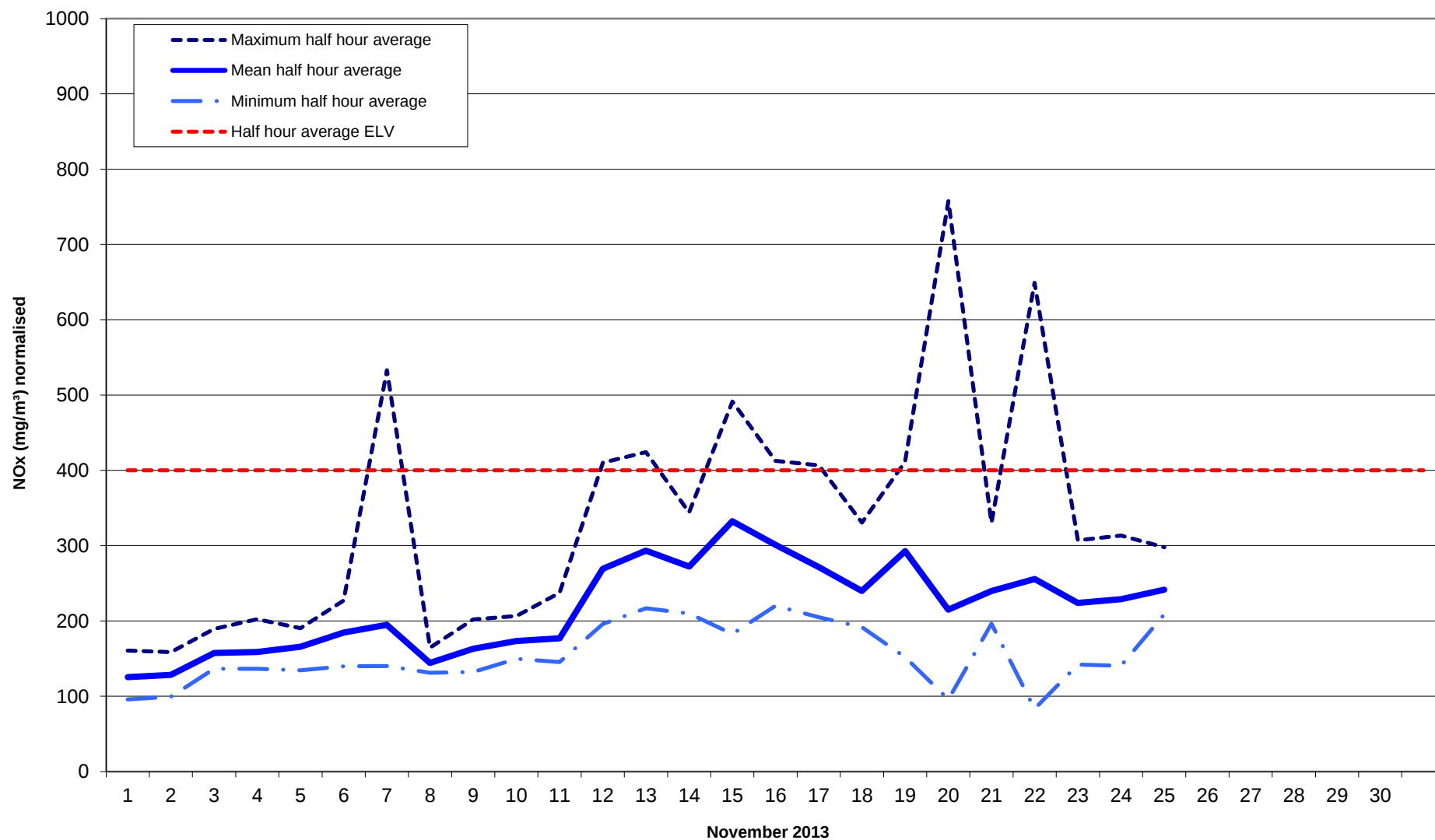
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Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A7

Created on: 21-12-2006

Page: 1 of 1

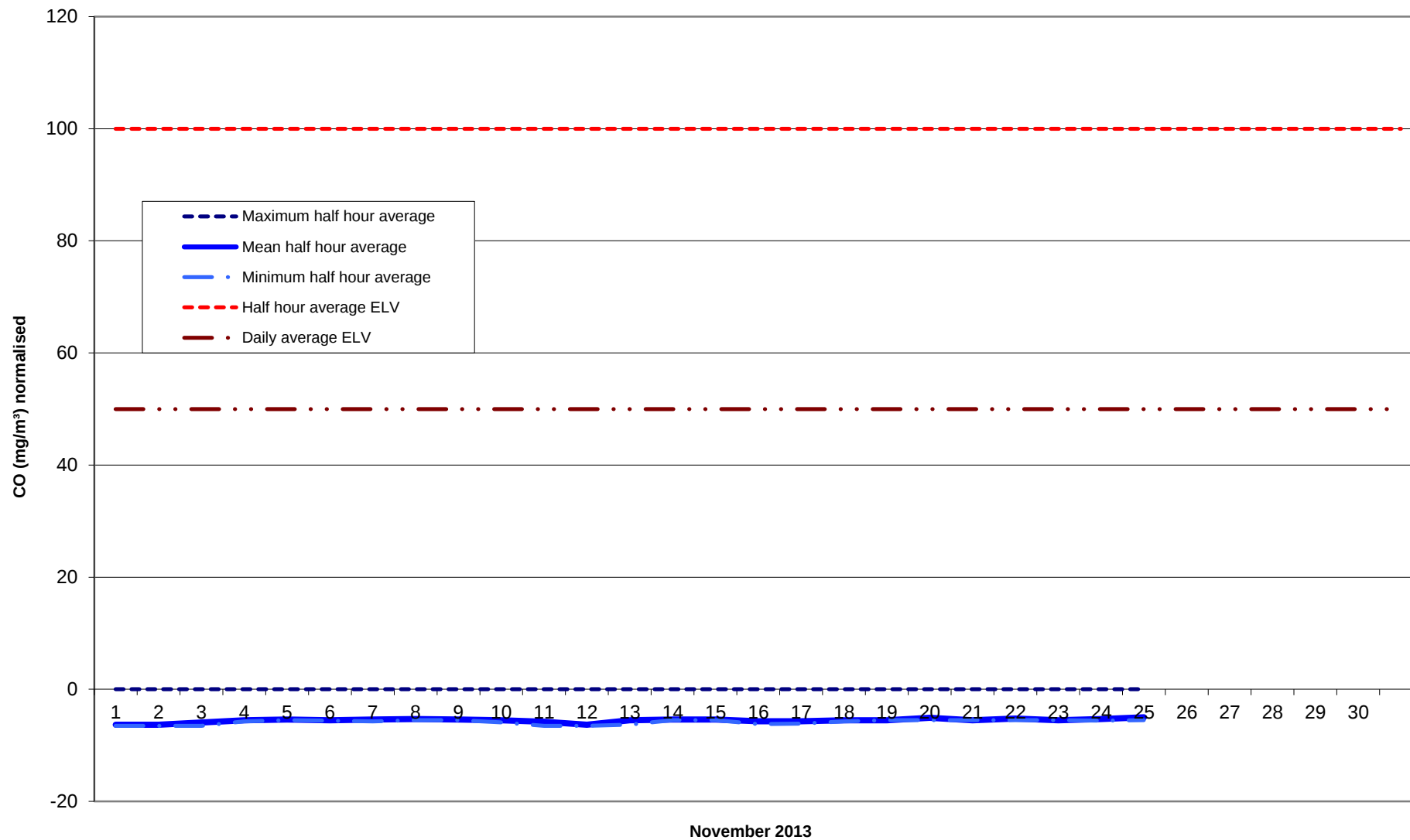




Title: Reporting Incinerator CEM Carbon Monoxide
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Issue No.: 1
Date of Issue: 21/12/2006
Page: 1 of 1





Title: Reporting Incinerator CEM Particulates

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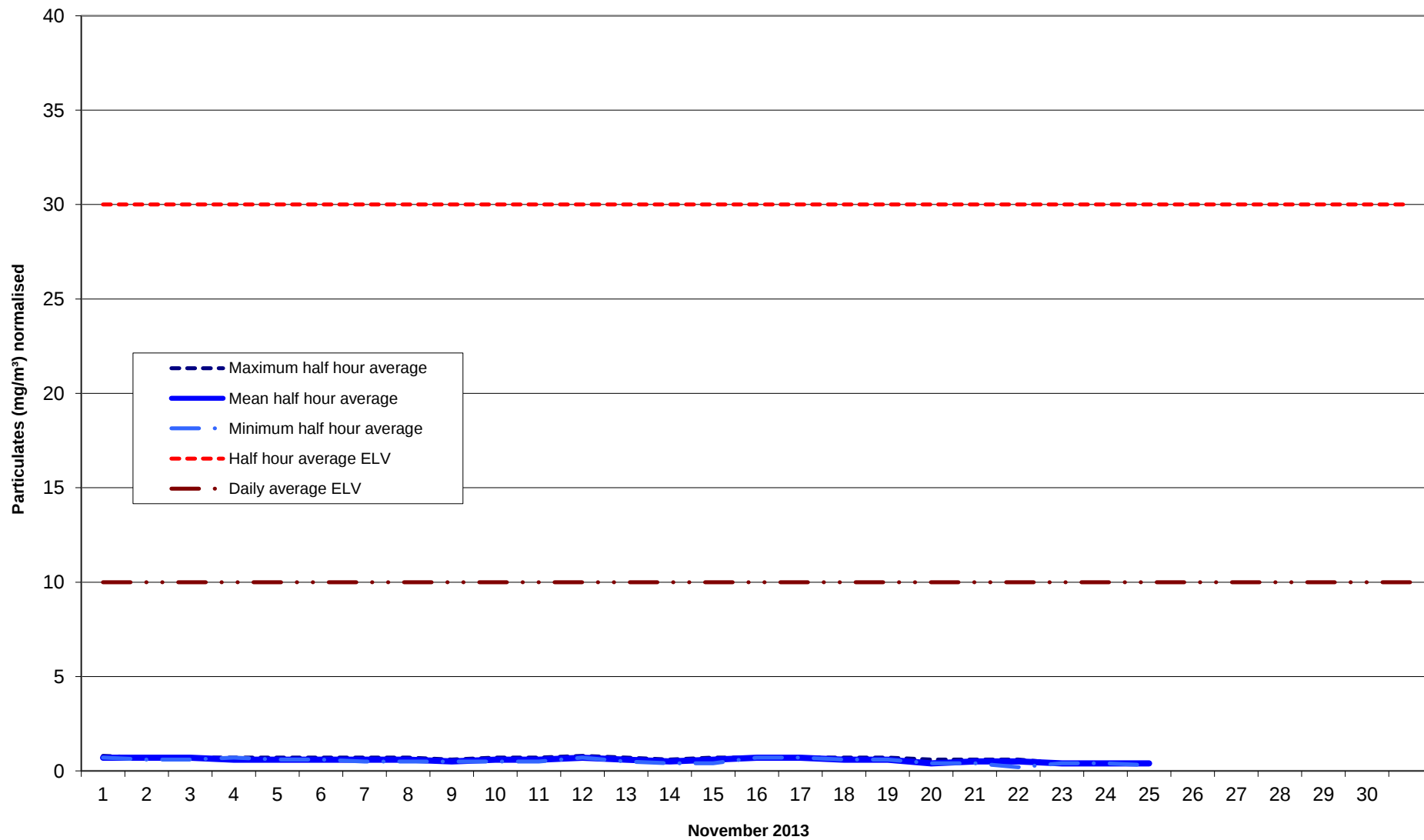
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Page: 1 of 1





Title: Reporting Incinerator CEM TOC

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Page: 1 of 1

