



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

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Related Document: BU2357/AP3634

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Incinerator Summary Report - August 2014

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	24	24	24	24	24	24	24	24	23.5	20.5
	Gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	8200.2	9600.5	9601.2	9601.3	9602	9600.8	9600.8	9179	8399.5	8401.2	8400.2	8400.5	8400.8	8400.2	8400.3	7653.7	6972.2	6114.7
	Gas	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113.7	588.3
	Air	m3	97225	120498	124442	126867	127741	129794	127008	120840	112065	100789	109078	107149	108099	109181	108760	98904	93395	95538
NOx (normalised)	Min	mg/m3	82	71.7	76	85.3	77.7	82	100.3	83	142	147	124.3	109	88.3	83.3	94.7	86	104.7	83
	Ave	mg/m3	99.1	90.4	94.3	100	98.4	100.3	129	126.2	207.6	215.7	166.5	148.9	111.2	122.2	105.3	111.3	168.4	178
	Max	mg/m3	115.3	95	97.7	108.3	104	113.3	286.7	154	285.3	397	194.7	181.7	116.7	633.3	242.7	123.7	785.3	580
	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	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
	Ave	mg/m3	-6.7	-6.9	-7	-6.9	-6.9	-6.9	-6.5	-6.6	-6.5	-6.9	-6.7	-6.7	-6.8	-6.7	-6.9	-6.8	-6.6	-6.6
	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	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
	Ave	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.4	0.4
	Max	mg/m3	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5
	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	0.1	0	0	0	0	0	0
	Max	mg/m3	0	0	0	0	0	0	0	0	0	0	0.6	0.8	0	0	0	0	0	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	10	0	0	0	0	12.5	24	24	24	24	24	24	24	618.5
	Gas	h	3.5	0	0	0	15.5	11.5	0	0	0	0	0	0	0	35.5
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Idle	h	10.5	24	24	24	8.5	0	0	0	0	0	0	0	0	91
Total flow	Residue	kg	2972.2	0	0	0	0	3732	7661	7687.8	7200.5	7198.2	7200.7	7200.2	7199.7	212.6 tonnes
	Gas	m3	550.3	0	0	0	2624	1968.5	0	0	0	0	0	0	0	5845 m3
	Air	m3	190186	69194	6450	1405	152240	113914	93616	98913	94078	100818	96481	96502	95669	3226836 m3
NOx (normalised)	Min	mg/m3	98					167	115	115.3	119.7	144.7	103.3	108.7	109	
	Ave	mg/m3	122					218.5	165.7	188.8	181.1	254.4	163.1	134	134.5	
	Max	mg/m3	126.3					520.3	255	329.7	304	644.3	532.3	153	147	
	Exceeds daily ELV ?	[400 mg/m3]	N				N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-7					-6.6	-7	-6.8	-7	-6.8	-6.8	-6.7	-6.7	
	Ave	mg/m3	-6.5					-6.5	-6.5	-6.6	-6.6	-6.6	-6.5	-6.5	-6.5	
	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	N	0 exceedances
Particulates (normalised)	Min	mg/m3	0.4					0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
	Ave	mg/m3	0.4					0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	
	Max	mg/m3	0.4					0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.5	
	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	N	0 exceedances
VOC (normalised)	Min	mg/m3	0					0	0	0	0	0	0	0	0	
	Ave	mg/m3	0					0	0	0	0	0	0	0	0	
	Max	mg/m3	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 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N				N	N	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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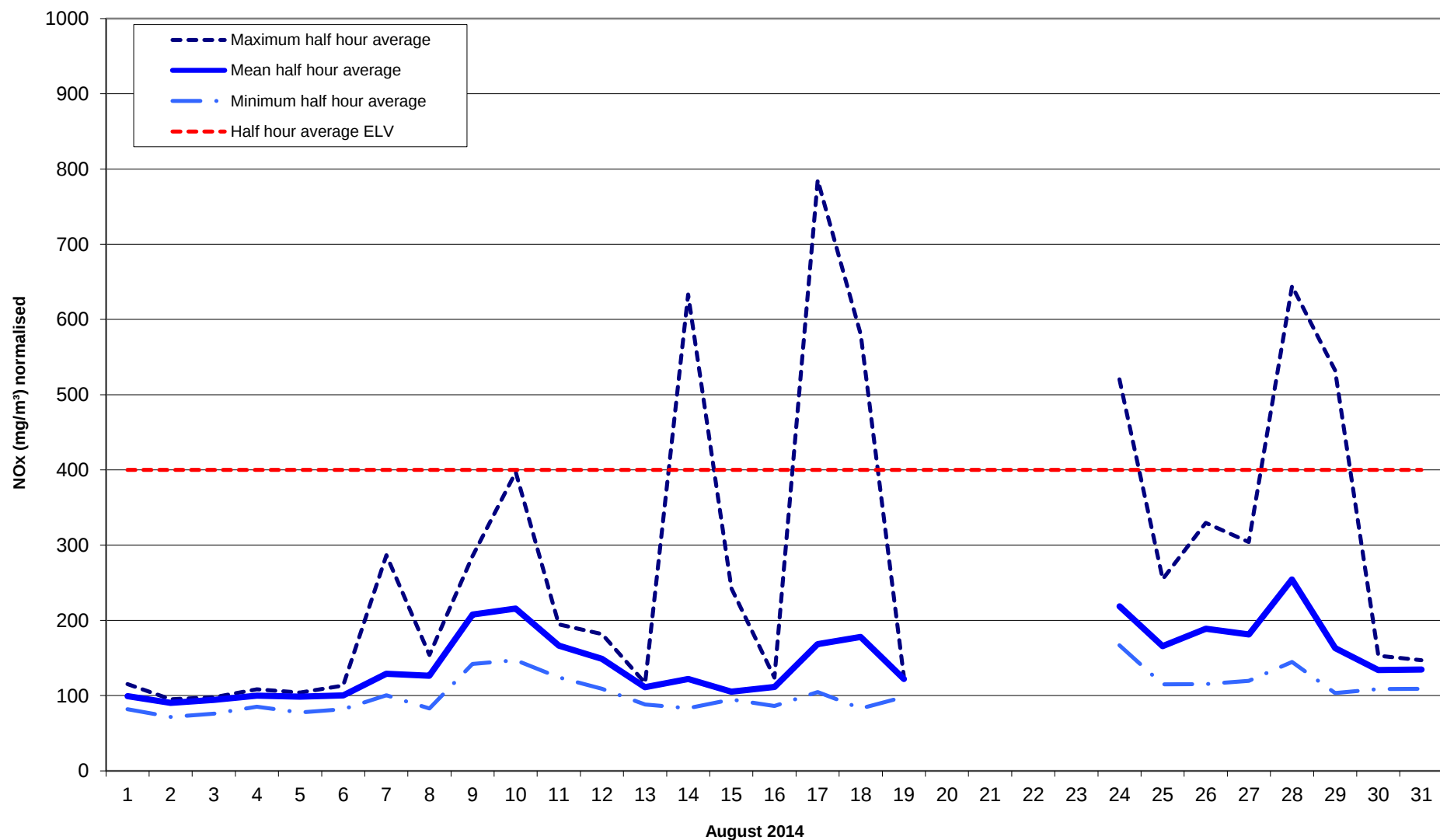
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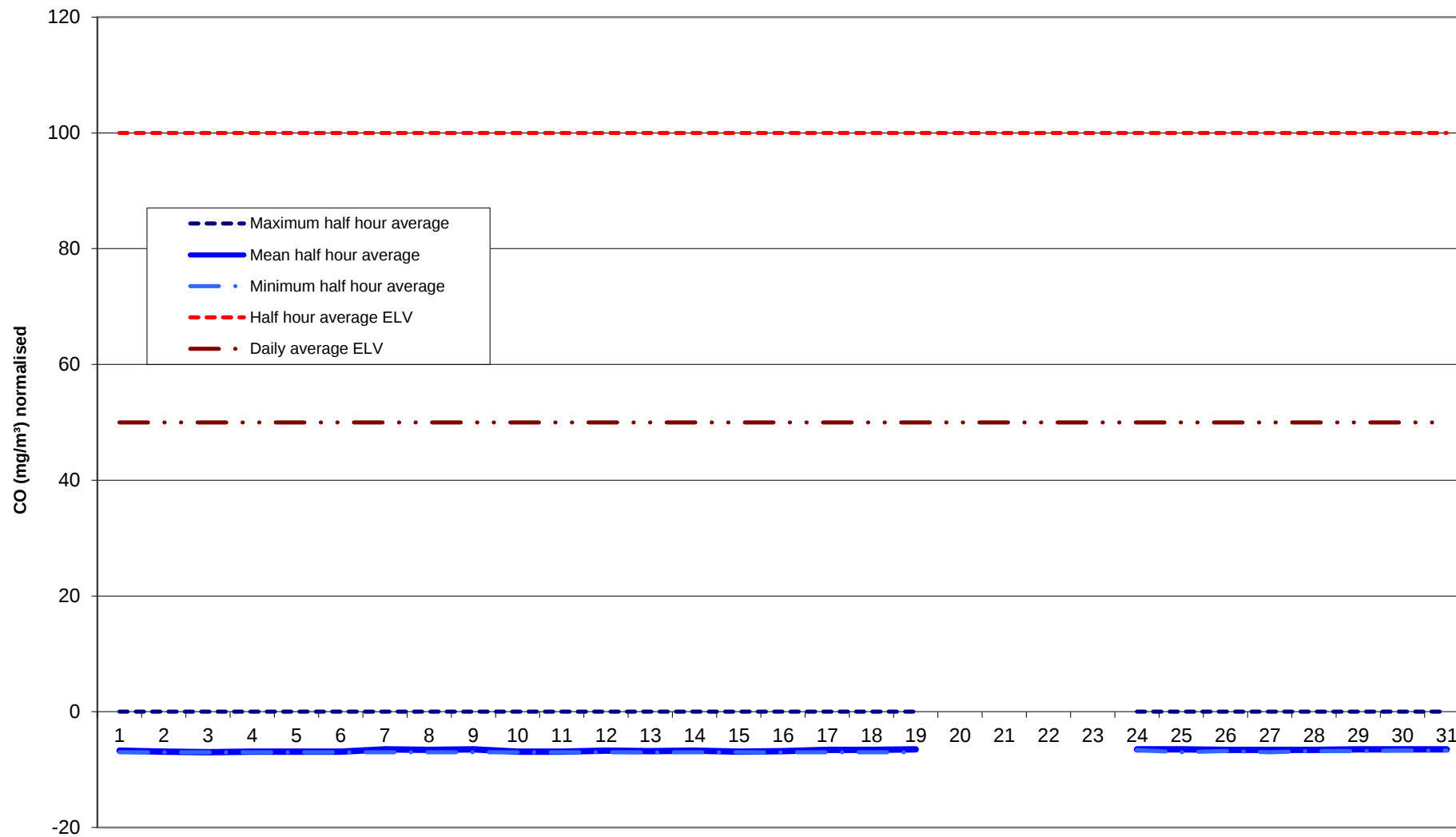
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Title: Reporting Incinerator CEM Particulates

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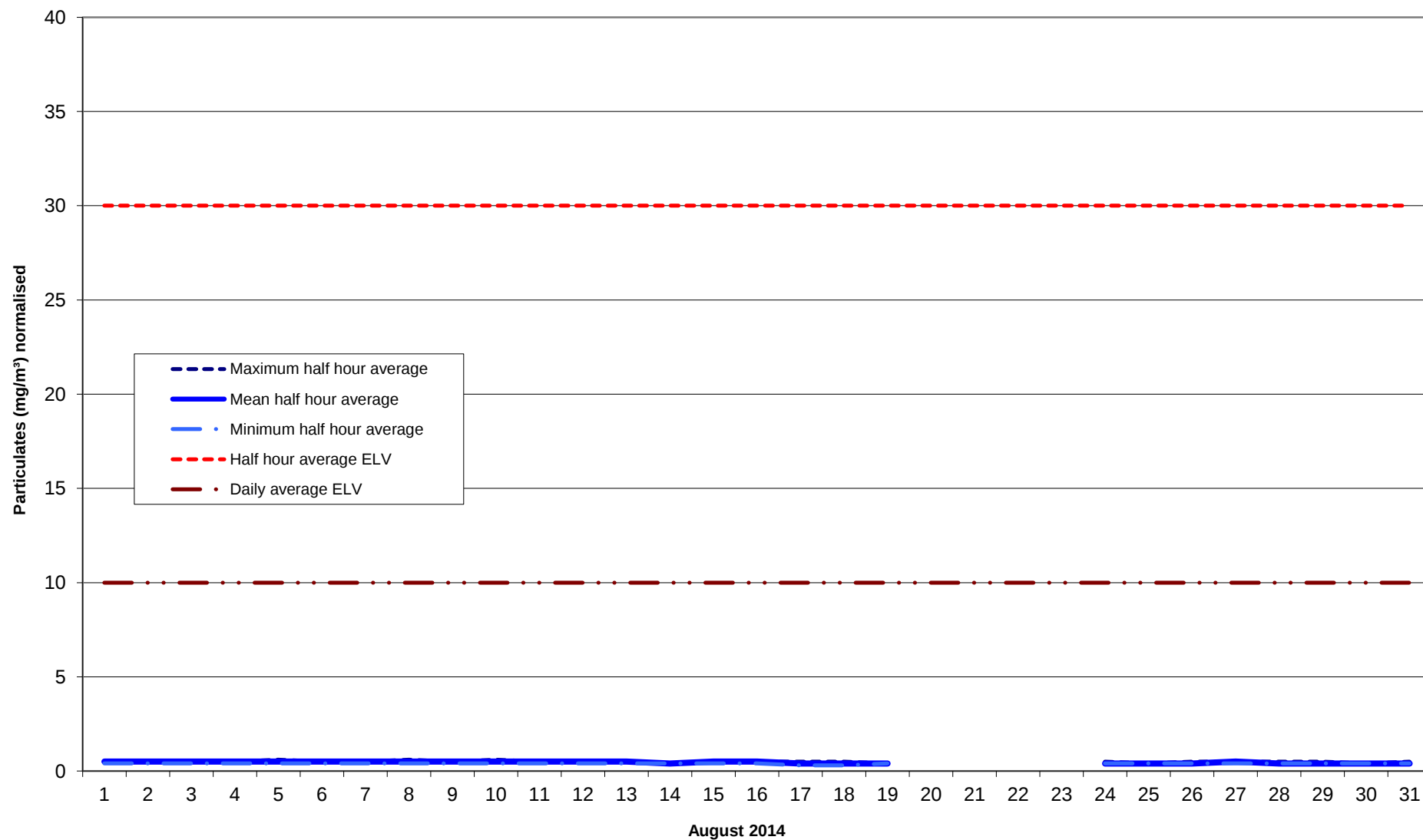
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Title: Reporting Incinerator CEM TOC

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