



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 06/05/2015

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Incinerator Summary Report - July 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	19.5	7.5	24	24	23	21	0	0	0	0	0	12	24
	Gas	h	0	0	0	0	0	0	7	0	0	1	0	0	0	0	0	0	1.5	0
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0
	Idle	h	0	0	0	0	0	4.5	9.5	0	0	0	3	24	24	24	24	24	11	0
Total flow	Residue	kg	9600.2	9600.2	9601	9600.2	9600.7	7803	3000.7	9600	9600.3	9214.2	8400	0	0	0	0	0	3444.7	7200
	Gas	m3	0	0	0	0	0	0	1186.2	0	0	134.8	0	0	0	0	0	0	207.2	0
	Air	m3	122033	124609	124608	126443	129565	142005	84882	136886	136212	139139	119288	0	0	0	0	0	59807	97963
NOx (normalised)	Min	mg/m3	68.7	69.3	69.3	68	69.7	73	149.3	144	137.3	91	74						63.7	96
	Ave	mg/m3	84	84.3	84	85.5	85.9	85.6	276.1	203.5	172.6	141.6	93.4						271.5	136.2
	Max	mg/m3	85	85	85.7	91.7	90	89.3	887	327	213.3	482.7	108						670.3	334.3
	Exceeds daily ELV ?	[400 mg/m3]	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
	Ave	mg/m3	-6.9	-6.9	-6.9	-7	-7	-7	-6.9	-7	-7	-6.9	-7						-6.4	-6.7
	Max	mg/m3	0	0	0	0	0	0	0	0	0	0	0						0.9	0
	30m ELV exceedances	[100 mg/m3]	0	0	0	0	0	0	0	0	0	0	0						0	0
Particulates (normalised)	Exceeds daily ELV ?	[50 mg/m3]	N	N	N	N	N	N	N	N	N	N	N					N	N	
	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						0.3	0.4
	Ave	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.4						0.4	0.5
	Max	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.4						0.5	0.5
VOC (normalised)	30m ELV exceedances	[30 mg/m3]	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	
	Min	mg/m3	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
VOC (normalised)	Max	mg/m3	0	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	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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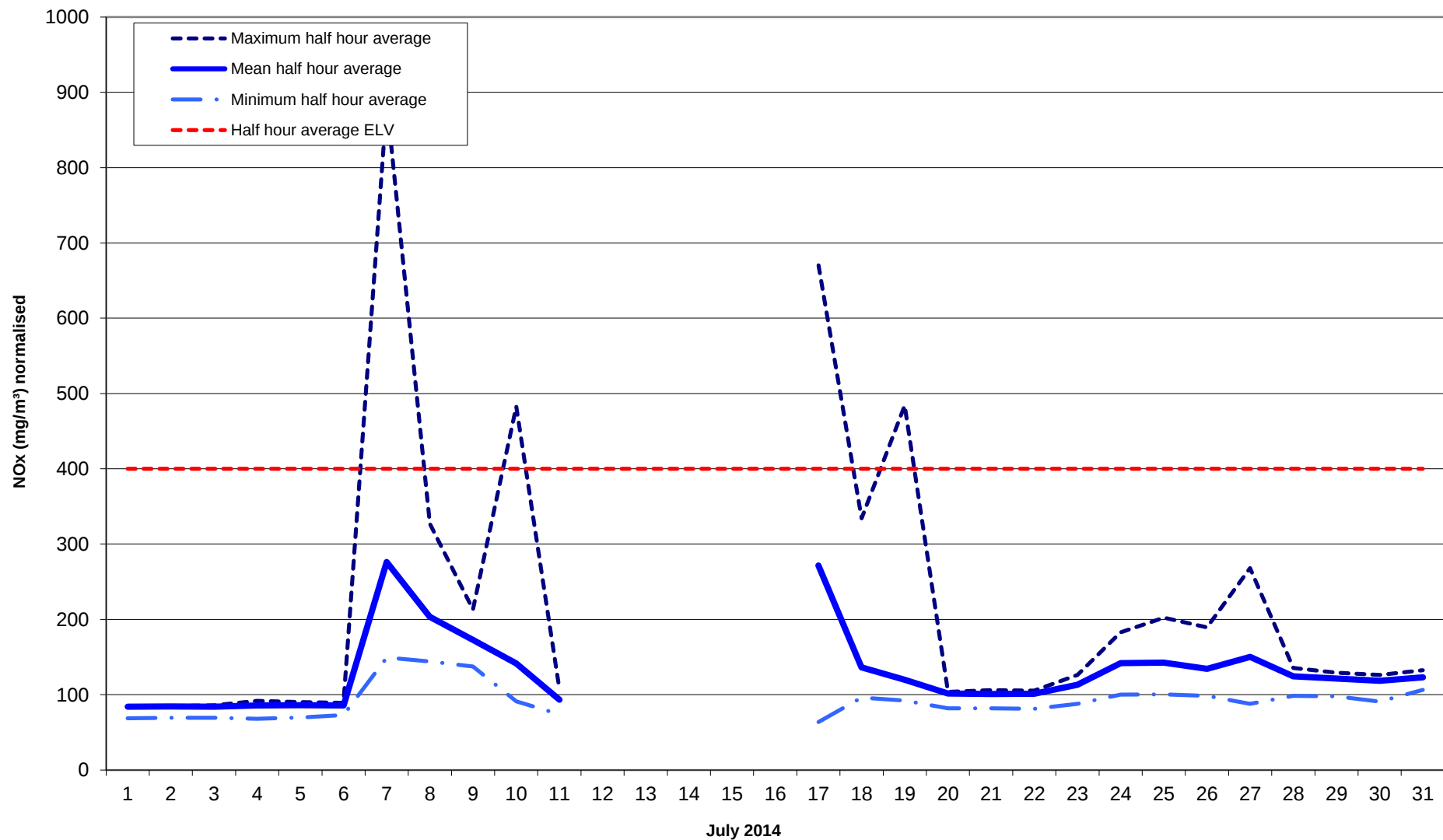
Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	22.5	24	24	24	24	24	24	24	24	24	24	24	24	585.5
	Gas	h	2	0	0	0	0	0	0	0	0	0	0	0	0	11.5
	Residue & gas	h	0.5	0	0	0	0	0	0	0	0	0	0	0	0	1
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	148
Total flow	Residue	kg	6639.2	7200.2	7200	7200.5	7201.7	7199.7	7200.5	7200	7200.2	7200	7200	7200.2	7200.8	199.3 tonnes
	Gas	m3	302	0	0	0	0	0	0	0	0	0	0	0	0	1830 m3
	Air	m3	92014	94012	95358	95566	96452	97608	99782	97564	92581	87232	84637	90756	86080	2753081 m3
NOx (normalised)	Min	mg/m3	92	82	82	81.3	87.7	100	100.3	98.3	87.7	98.3	97.7	90.7	106.3	
	Ave	mg/m3	119.6	101.6	100.9	101.1	113	141.9	142.5	134.4	150	124.4	121.3	118.4	122.9	
	Max	mg/m3	484	103.7	106	105.3	126.3	182.7	202.3	189.3	268	135.3	129	126.3	132.3	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-6.9	-6.8	-7	-7.8	-7.5	-7.1	-7	-7	-7	-7	-6.9	-7	-6.7	
	Ave	mg/m3	-6.5	-6.6	-6.7	-6.8	-6.8	-6.9	-6.8	-6.9	-7	-6.7	-6.7	-6.7	-6.5	
	Max	mg/m3	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 exceedances
	Exceeds daily ELV ?	[50 mg/m3]	N	N	N	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	0.4	0.4	0.4	0.4	
	Ave	mg/m3	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	
	Max	mg/m3	0.5	0.4	0.6	0.7	0.8	0.8	0.5	0.5	0.4	0.4	0.4	0.4	0.5	
	30m ELV exceedances	[30 mg/m3]	0	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	N	0 exceedances
VOC (normalised)	Min	mg/m3	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	
	Max	mg/m3	0	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	0	0 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances

NOTES

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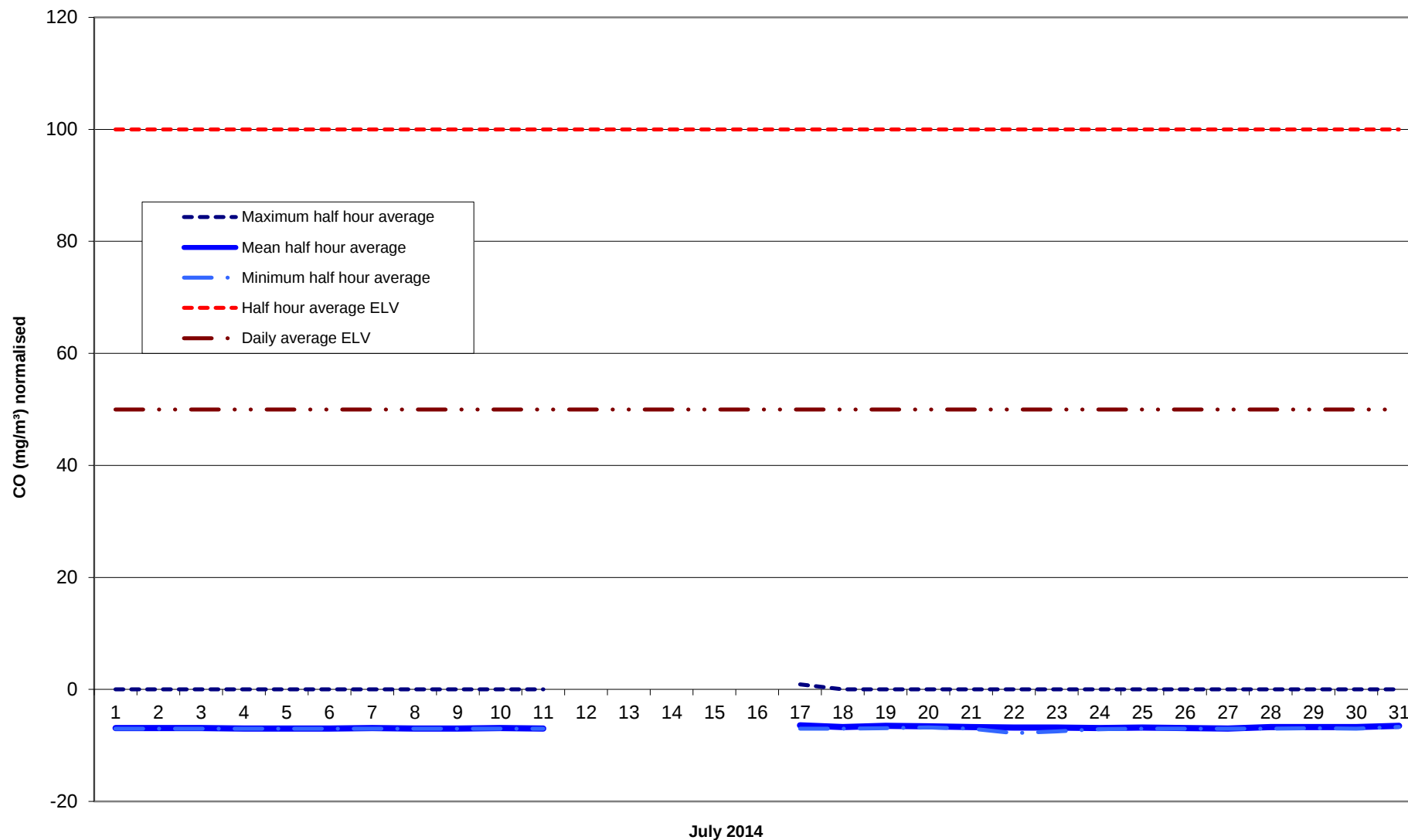


Title:	Reporting Incinerator CEM Oxides of Nitrogen	Area:	Manufacturing	Issue No.:	1
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Title:	Reporting Incinerator CEM Carbon Monoxide	Area:	Manufacturing	Issue No.:	1
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Related Document:	BU2357/AP3634 A6	Created on:	21-12-2006	Page:	1 of 1





Title: Reporting Incinerator CEM Particulates

Area: Manufacturing

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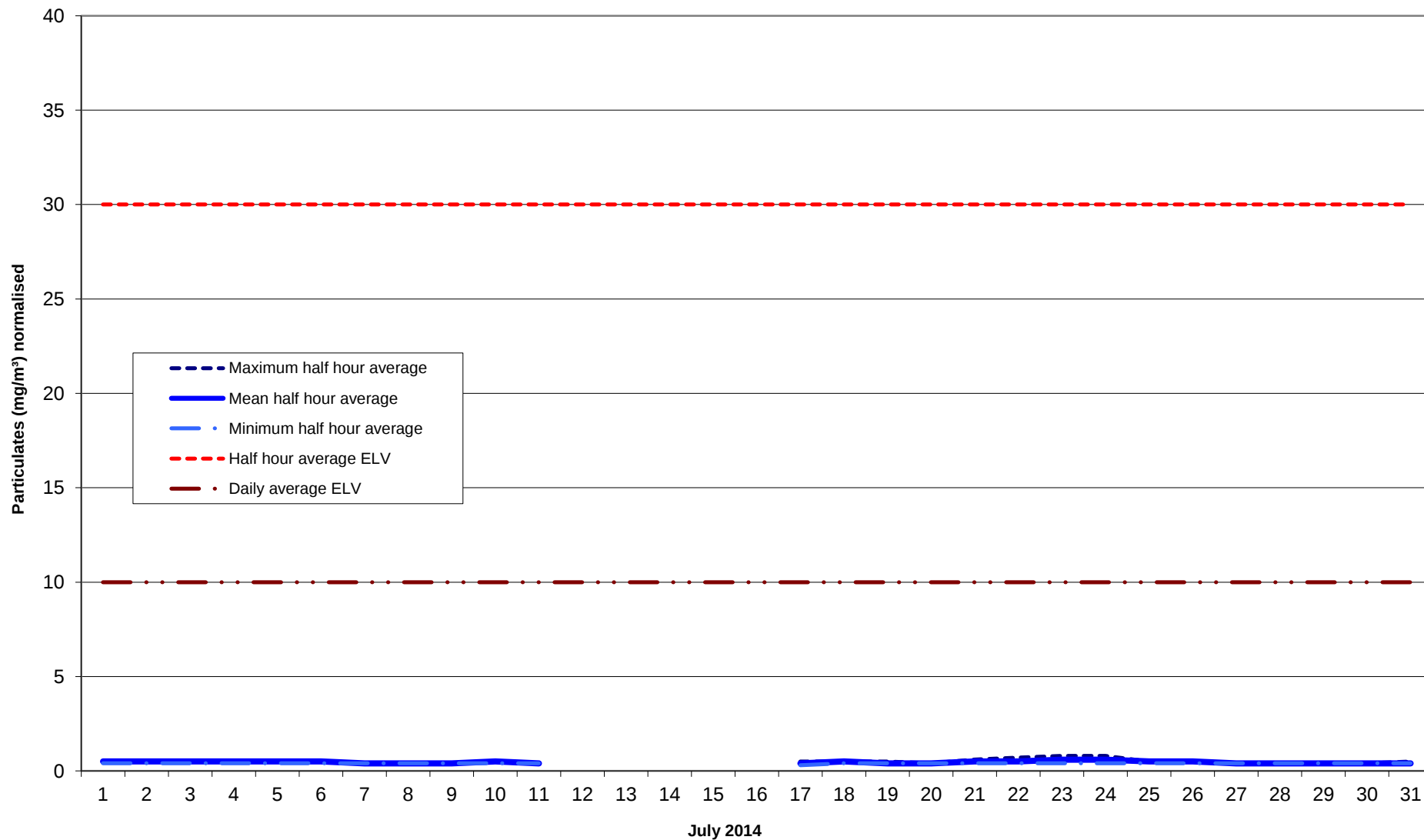
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Title: Reporting Incinerator CEM TOC

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