



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

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Incinerator Summary Report - April 2015

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	19.5	8	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Gas	h	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Residue & gas	h	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Idle	h	0	0	4.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	9520.7	9034.5	6826.2	3142.5	9227.7	9120.2	8898.8	8477.7	8404.8	8891.3	9558.3	9369.3	9360.3	9360.3	9405.3	10080	10040.7	9960.2
	Gas	m3	0	0	14.3	1602	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Air	m3	126394	117584	135027	145905	108527	103507	108005	110539	113363	122183	130268	125256	129194	133096	127102	130506	128943	128812
NOx (normalised)	Min	mg/m3	257.3	263.7	275.3	114	244	235.3	229.7	249	187.3	225.7	164	171.3	156.3	132.7	124.7	134.3	177.7	158.3
	Ave	mg/m3	297.3	366.5	317.9	415.1	316.7	284.5	304.8	319.9	271	266.1	213.9	217.3	188	163.6	174.5	175.6	199.2	187.5
	Max	mg/m3	334.3	467	343.7	1029.3	401.7	310.7	348.7	379	413	303	272.7	232.3	235	177.7	237.7	206.7	247.3	205.3
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CO (normalised)	Min	mg/m3	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.6	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5
	Ave	mg/m3	-5.2	-5.5	-5.5	-4.5	-5.3	-5.3	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.3	-5.5	-5.5	-5.5	-5.4	-5.2
	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	0.3	0.5	0.5	0.4	0.5	0.7	0.7	0.6	0.6	0.4	0.6	0.7	0.6	0.5	0.4
	Ave	mg/m3	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.7	0.6	0.6	0.5
	Max	mg/m3	0.5	0.6	0.6	0.7	0.7	0.6	0.6	0.8	0.8	0.8	0.7	0.7	0.6	0.8	0.7	0.7	0.7	0.6
	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	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0.5	0.5
	Ave	mg/m3	0	0.3	0.5	0.7	0.5	0.5	0.6	0.6	0.7	0.7	0.5	0.5	0.5	0.5	0.4	0.3	0.5	0.5
	Max	mg/m3	0	0.9	0.5	1	0.5	0.5	1	1	1.2	1.3	0.5	0.5	0.7	0.5	0.5	0.5	0.6	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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Day			19	20	21	22	23	24	25	26	27	28	29	30	TOTALS
Running time	Residue	h	24	18	24	24	24	12	24	24	24	24	24	24	681.5
	Gas	h	0	5	0	0	0	6.5	0	0	0	0	0	0	21.5
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	1
	Idle	h	0	1	0	0	0	5.5	0	0	0	0	0	0	18
Total flow	Residue	kg	9960.7	6946.7	9601	8420.3	8400.5	4118.8	8400.2	8400	8400.8	8400.2	8400.2	8401.5	256.5 tonnes
	Gas	m3	0	810.2	0	0	0	1176.7	0	0	0	0	0	0	3603 m3
	Air	m3	130149	129131	131658	115450	117992	107344	111945	109130	108092	107866	106351	106811	3606131 m3
NOx (normalised)	Min	mg/m3	136	196	175	234.3	193	143	162.7	169	179.7	168	173	177.7	
	Ave	mg/m3	171.9	286.1	245.3	300.2	233.5	370	214.1	203.4	211.8	205.2	223.4	254.7	
	Max	mg/m3	192.3	871.7	301.3	411	281.3	1019.7	315.7	237.3	239.7	252.3	264	367.3	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	1 exceedances
CO (normalised)	Min	mg/m3	-5.5	-5.5	-5.9	-5.6	-5.8	-5.5	-5.5	-5.5	-5.4	-4.6	-5.5	-4.6	
	Ave	mg/m3	-4.9	-5	-5.5	-5.4	-5.5	-4.9	-5.2	-4.6	-4.7	-4.2	-4.4	-4.1	
	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	0.4	0.5	0.6	0.7	0.7	0.5	0.7	0.4	0.6	0.4	0.5	0.6	
	Ave	mg/m3	0.5	0.6	0.7	0.7	0.8	0.8	0.7	0.5	0.6	0.5	0.6	0.6	
	Max	mg/m3	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	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 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	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	Ave	mg/m3	0.5	0.5	0.5	0.6	0.6	0.7	0.5	0.5	0.5	0.5	0.5	0.5	
	Max	mg/m3	0.5	0.6	0.5	1.2	1.3	1	0.5	0.5	0.5	0.5	0.5	0.6	
	30m ELV exceedances	[20 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

NOTES

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Title: Reporting Incinerator CEM Oxides of Nitrogen

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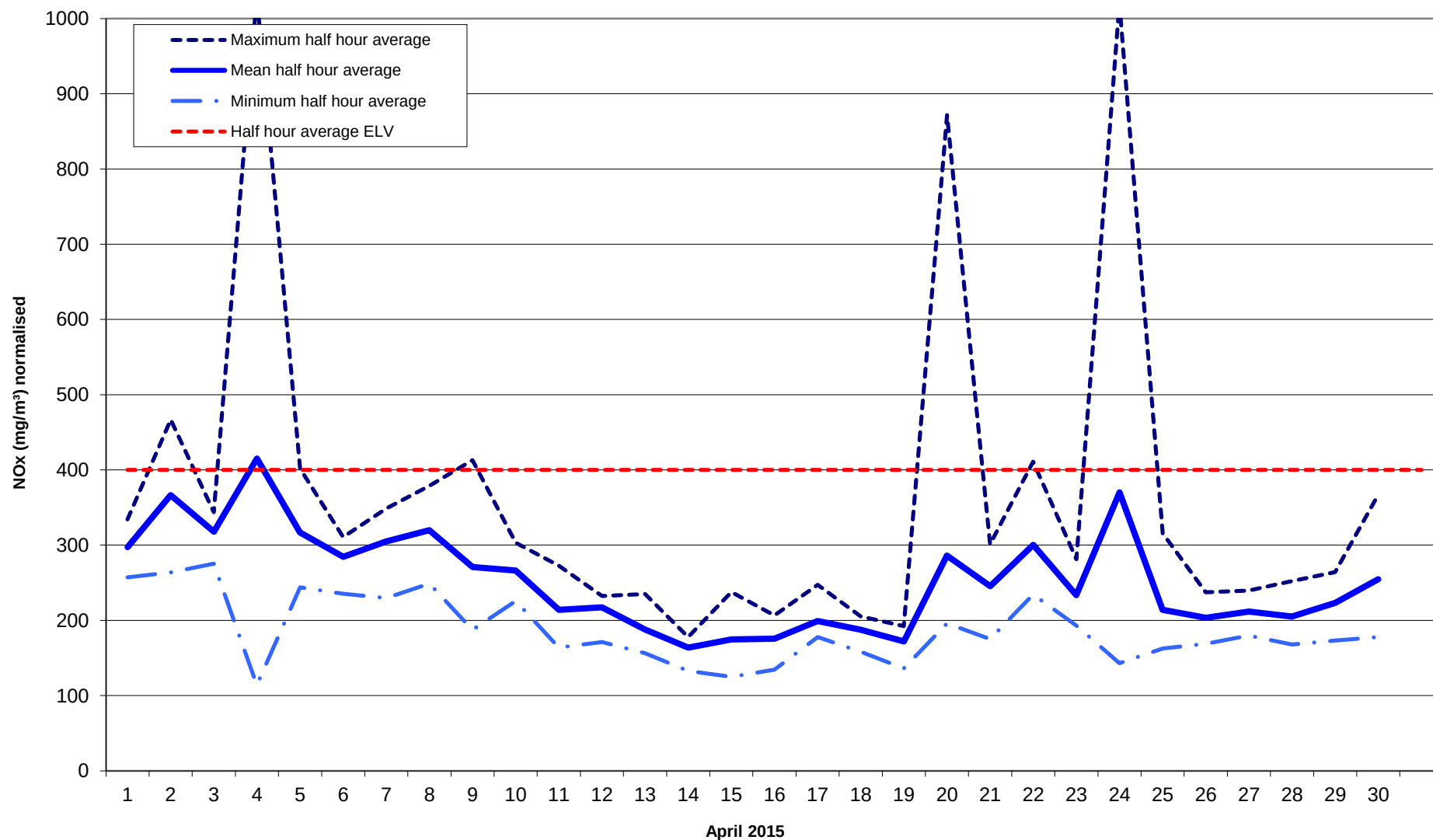
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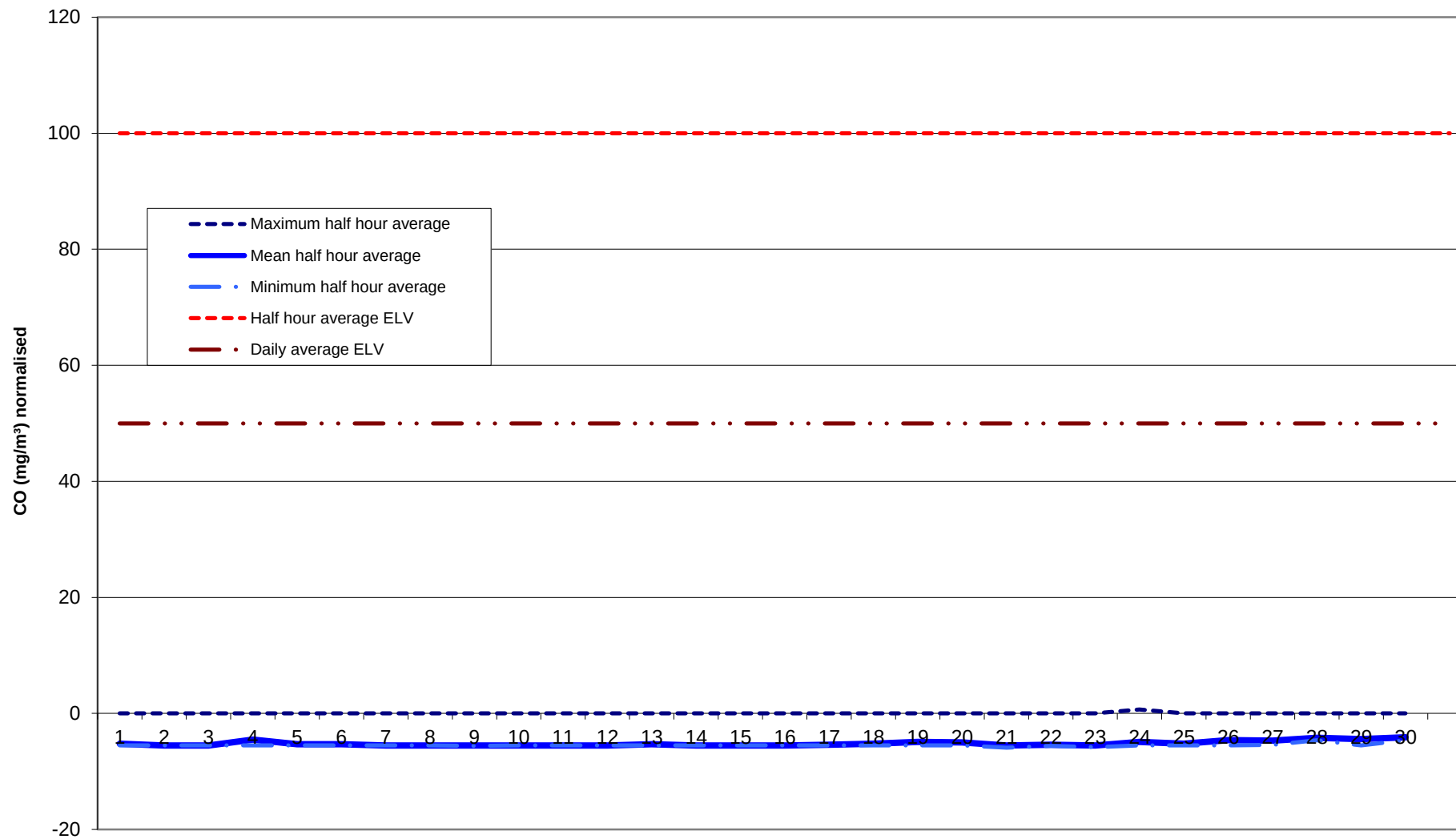
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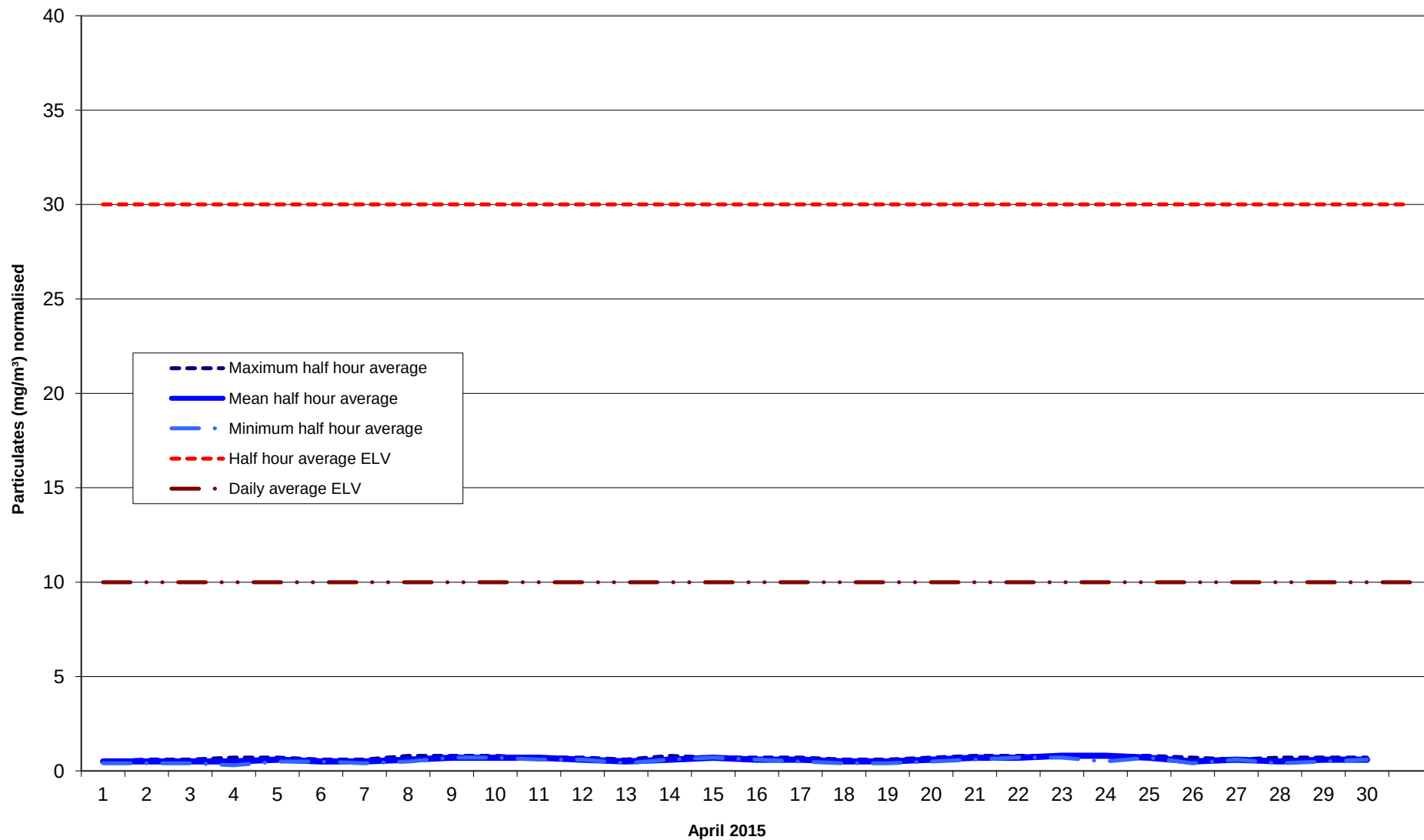
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