



Title: Reporting Incinerator CEM
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Incinerator Summary Report - December 2015

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Running time	Residue	h	24	24	24	24	24	24	24	24	24	24	24	24	24	13.5	15	24	24
	Gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
	Residue & gas	h	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	0	0	0	0	0	0	0	10.5	4	0	0
Total flow	Residue	kg	8401.8	8399.7	8401.3	8400.2	8400.8	8401.7	9668.7	9730.5	8400.5	8402.3	8400.5	8402.5	8400	4697	5219.3	8400	8401
	Gas	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	15.3	670.5	0	0
	Air	m3	113437	115659	111172	113785	117704	116239	132023	130187	111581	111845	109609	110524	106547	109840	125134	121721	122318
NOx (normalised)	Min	mg/m3	104.7	106.7	113.7	111.7	108	85	74	73	107.7	88	98	84	94.3	86.3	95.3	83.7	88.3
	Ave	mg/m3	128	124.7	131.3	137.4	139.6	179.1	81.4	106.8	124.7	102.5	117.6	106.3	108	106.4	170.7	99.6	128.1
	Max	mg/m3	142.7	149	188.7	165.3	178.7	221.7	86	158	136.3	112.3	134	115.3	119.3	111.7	867.7	119	229.7
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CO (normalised)	Min	mg/m3	-3.7	-3.8	-3.5	-3.3	-3.3	-4	-3.9	-2.8	-2.7	-2.5	-2.5	-2.5	-2.5	-5.6	-5	-5	-4.9
	Ave	mg/m3	-2.6	-3.3	-2.6	-2.7	-2.8	-2.8	-3.1	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.7	-4.8	-4.3	-4.3
	Max	mg/m3	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
Exceeds daily ELV ?	[50 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
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	0.3	0.4	0.4	0.4
	Ave	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	0.4
	Max	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	0.4
	30m ELV exceedances	[30 mg/m3]	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	
VOC (normalised)	Min	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0.8	0.3	0.3
	Ave	mg/m3	0.1	0.2	0.3	0	0	0.1	0	0	0	0.1	0.2	0.3	0.5	0.8	1	0.9	1
	Max	mg/m3	0.5	0.5	0.5	0	0	0.5	0.3	0	0	0.5	0.5	0.5	0.5	9.3	1.6	1.5	1.7
	30m ELV exceedances	[20 mg/m3]	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	

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			18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	24	24	24	24	24	24	24	24	24	24	24	24	24	23	723.5
	Gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.5
Total flow	Residue	kg	8401.7	8398.2	8401.8	8400.7	8400	8402.7	8400.2	8398.3	8400.5	8398.2	8402.5	8401	8399.7	8024.2	255.8 tonnes
	Gas	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	132.7	819 m3
	Air	m3	122151	122276	118341	114663	120836	115795	117736	116726	125360	113898	117682	118772	119259	109247	3632068 m3
NOx (normalised)	Min	mg/m3	146.7	146	110.3	95	103.7	146	123	93.3	102.7	107	87.3	111	100.3	135.7	
	Ave	mg/m3	211.8	219.1	276.5	166.8	174.5	228.6	205.7	123.7	137	140.8	109.7	166.5	249.9	285.3	
	Max	mg/m3	310	379.7	593.7	289	261.7	375	356	211.7	221	219	140.7	333.3	1096	498.7	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-4.2	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	
	Ave	mg/m3	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	
	Max	mg/m3	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
Exceeds daily ELV ?	[50 mg/m3]	N	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	0.4	
	Ave	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	
	Max	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	0.5	
	30m ELV exceedances	[30 mg/m3]	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		0 exceedances
VOC (normalised)	Min	mg/m3	1	0.6	0.5	0.5	0.5	0.5	0.4	0.8	1	0.9	0.5	0.5	0.5	0.5	
	Ave	mg/m3	1	0.9	0.6	0.5	0.5	0.5	0.8	1	1	1	0.5	0.6	0.6	1.1	
	Max	mg/m3	1.2	1	0.9	0.5	0.5	0.5	1.1	1	1	1	1	1	1.1	1.6	
	30m ELV exceedances	[20 mg/m3]	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		0 exceedances

NOTES

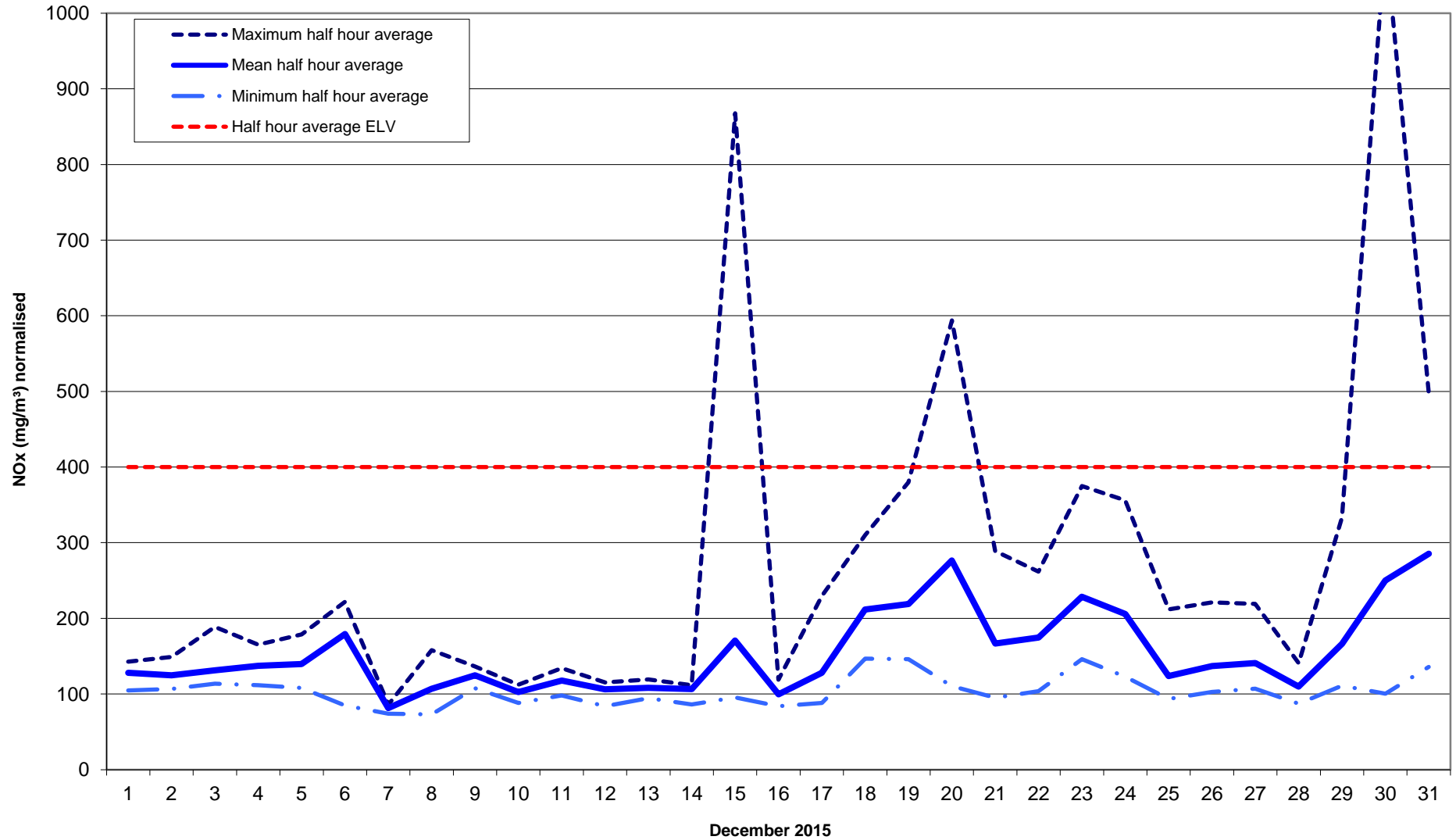
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Title: Reporting Incinerator CEM Oxides of Nitrogen
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Title: Reporting Incinerator CEM Carbon Monoxide

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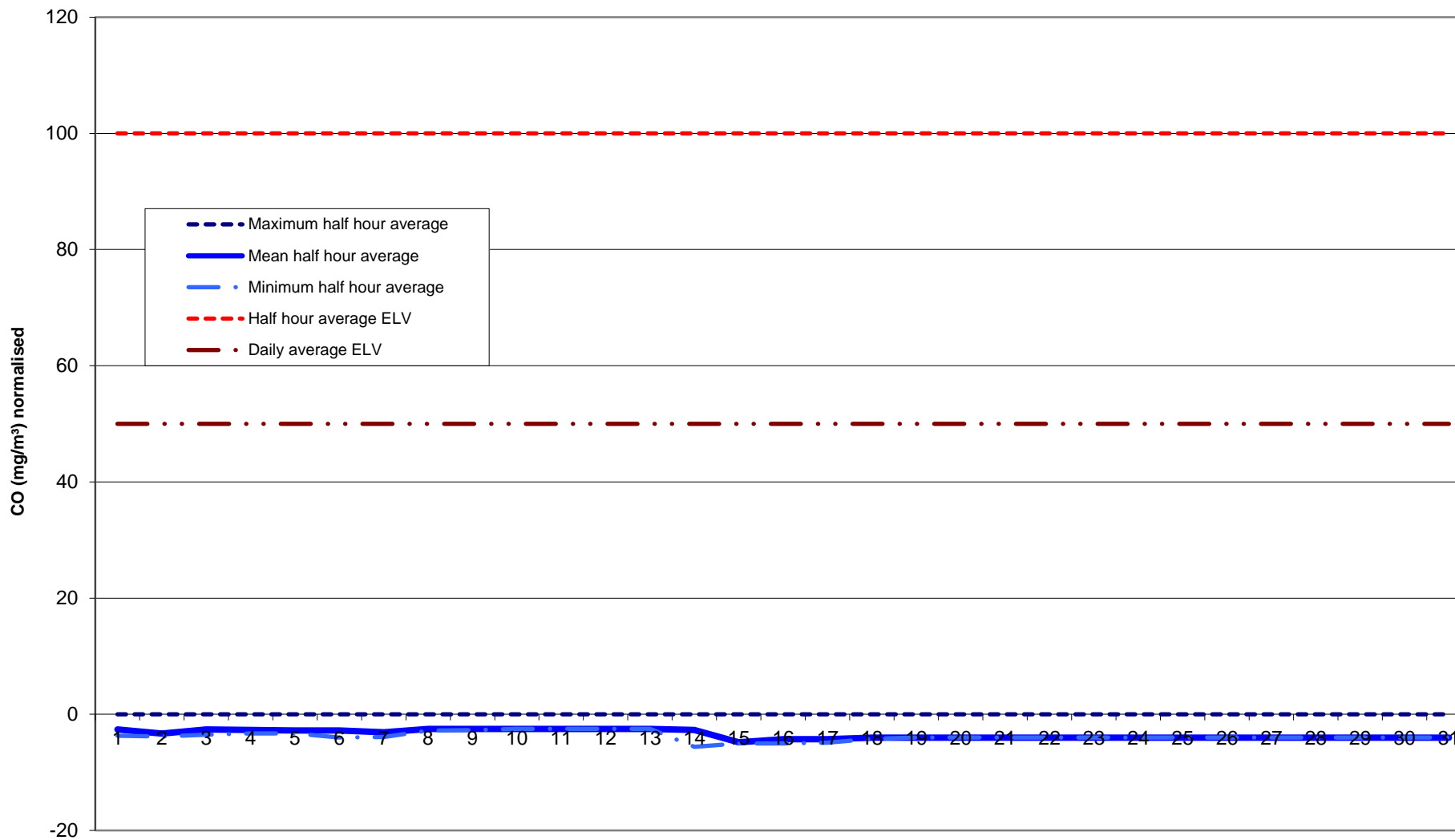
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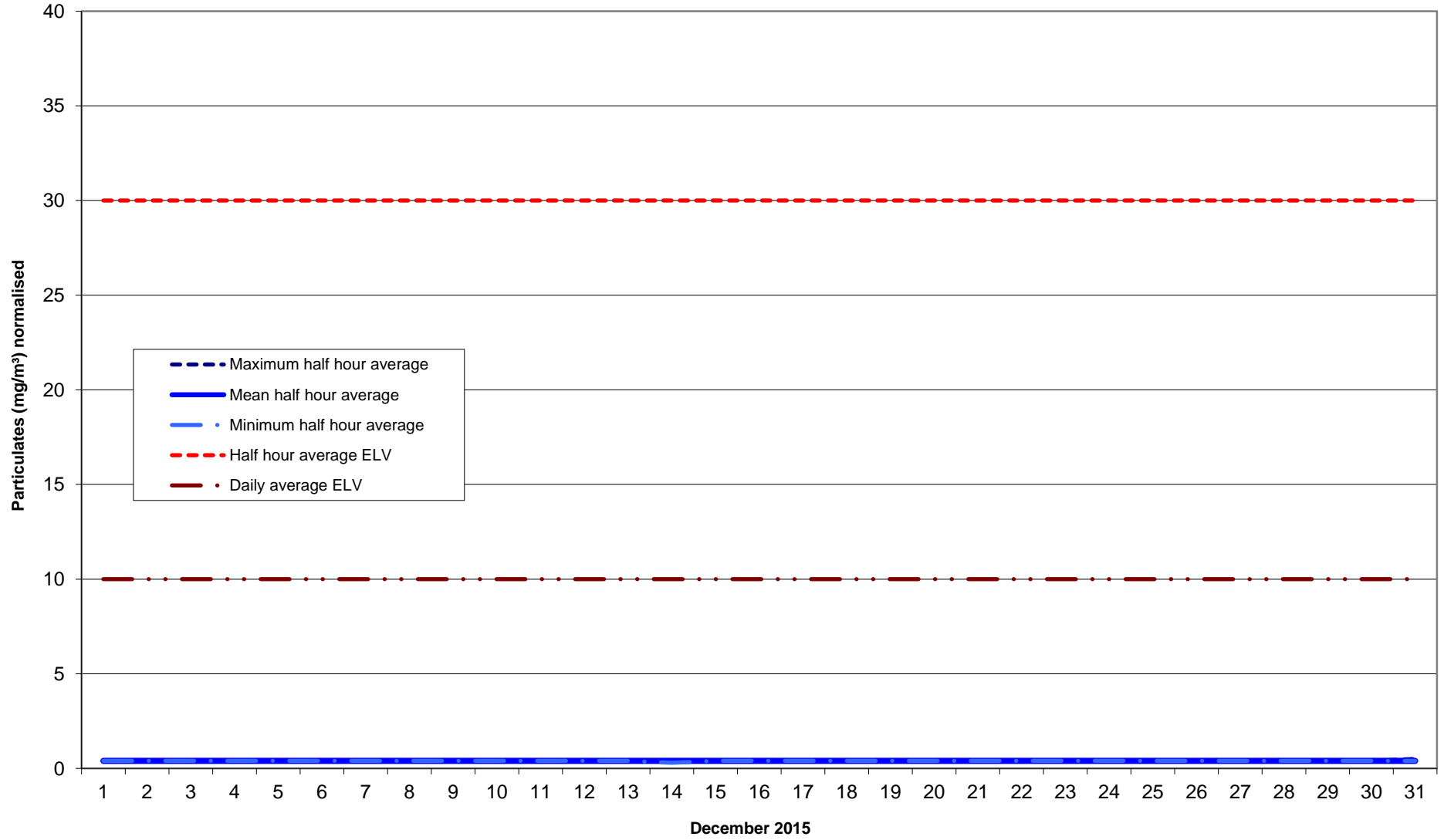
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