

Incinerator Summary Report - October 2015

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Running time	Residue	h	0	0	9.5	24	22.5	23	23.5	24	24	24	24	24	24	24	24	16.5	24
	Gas	h	7	23.5	15	0.5	2.5	2	1	0	0	0	0	0	0	0	0	6.5	0
	Residue & gas	h	0	0	0.5	0.5	1	1	0.5	0	0	0	0	0	0	0	0	1	0
	Idle	h	17	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total flow	Residue	kg	0	0	3962.7	10262.7	9505.7	9785.7	10058.2	10319.8	10071	9257.3	8400.3	8400.3	8397.8	8401.2	8401.5	5002.8	8402.7
	Gas	m3	643.7	2246.2	2126.3	42.5	323	158.5	82.3	0	0	0	0	0	0	0	0	1002.7	0
	Air	m3	147731	190585	134568	138401	142437	142541	128753	127980	123205	110084	102672	101820	106233	104754	106945	122958	104977
NOx (normalised)	Min	mg/m3			83	81.3	50.3	89.7	85.3	82.7	84.3	100.3	150.3	180.7	244	275.3	225.7	24.3	139.3
	Ave	mg/m3			140.9	102.5	114.4	226	96.2	94.5	97.9	117.4	175.6	230.1	283.4	340.3	261.1	282.3	219
	Max	mg/m3			466.3	326.7	454	753.3	160	98.7	111.3	147.3	213	271	321	400.7	391	798	617.3
	Exceeds daily ELV ?	[400 mg/m3]		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
CO (normalised)	Min	mg/m3			-4.9	-5.5	-5.5	-5.5	-5.5	-5.4	-4.8	-5.3	-4.7	-4.4	-4.5	-4	-4	-5.4	-4
	Ave	mg/m3			-4.4	-4.9	-5.3	-5.3	-5.2	-4.5	-4.4	-4.3	-4.2	-4	-4	-4	-4	-3.8	-4
	Max	mg/m3			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
	Exceeds daily ELV ?	[50 mg/m3]		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Particulates (normalised)	Min	mg/m3			0.4	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	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
	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	0.4
	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	N	
VOC (normalised)	Min	mg/m3			0.1	0	0	0	0	0	0.1	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.3
	Ave	mg/m3			0.4	0.1	0.1	0.1	0	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.4	0.7
	Max	mg/m3			1.2	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.8	2.1
	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	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

	Title:	Reporting Incinerator CEM	Area: Manufacturing	Issue No.: 1
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	Related Document:	BU2357/AP3634	Created on: 21-12-2006	Page: 2 of 2

Incinerator Summary Report - October 2015

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	19	24	24	24	666
	Gas	h	0	0	0	0	0	0	0	0	0	0	2.5	0	0	0	60.5
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	5
	Idle	h	0	0	0	0	0	0	0	0	0	0	3	0	0	0	22.5
Total flow	Residue	kg	8323.8	8160.5	8160.2	8160	8159.8	8159.5	8160.3	7987.3	7922.7	7919.5	6157.8	7920.5	8147.2	8403.3	240.4 tonnes
	Gas	m3	0	0	0	0	0	0	0	0	0	0	348.7	0	0	0	6974 m3
	Air	m3	108159	105991	108178	110674	113034	102024	100852	97993	98794	104708	108761	95596	103327	111982	3606714 m3
NOx (normalised)	Min	mg/m3	149.3	132.7	129.3	182.7	219.7	100.7	94.3	129.7	148	149.3	137.3	171.7	193.7	223.3	
	Ave	mg/m3	196.7	179.5	164.4	230.8	268.1	158.5	132	149.4	199.3	234.8	247.3	220	237.6	271.6	
	Max	mg/m3	248.3	263	217	278.7	316.7	268.7	175.7	168.3	267.3	350.3	610.3	363.3	320.7	319.3	
	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	-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	-3.6	-3.9	-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 exceedances
	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	0.3	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	
	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	
	30m ELV exceedances	[30 mg/m3]	0	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	N	0 exceedances
VOC (normalised)	Min	mg/m3	0.3	0.4	0.5	0.5	0.5	0.4	0.1	0.3	0	0	0	0	0	0	
	Ave	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.1	0	0	0	0	0	
	Max	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	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 exceedances
	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

Area: Manufacturing

Issue No.: 1

Ref:

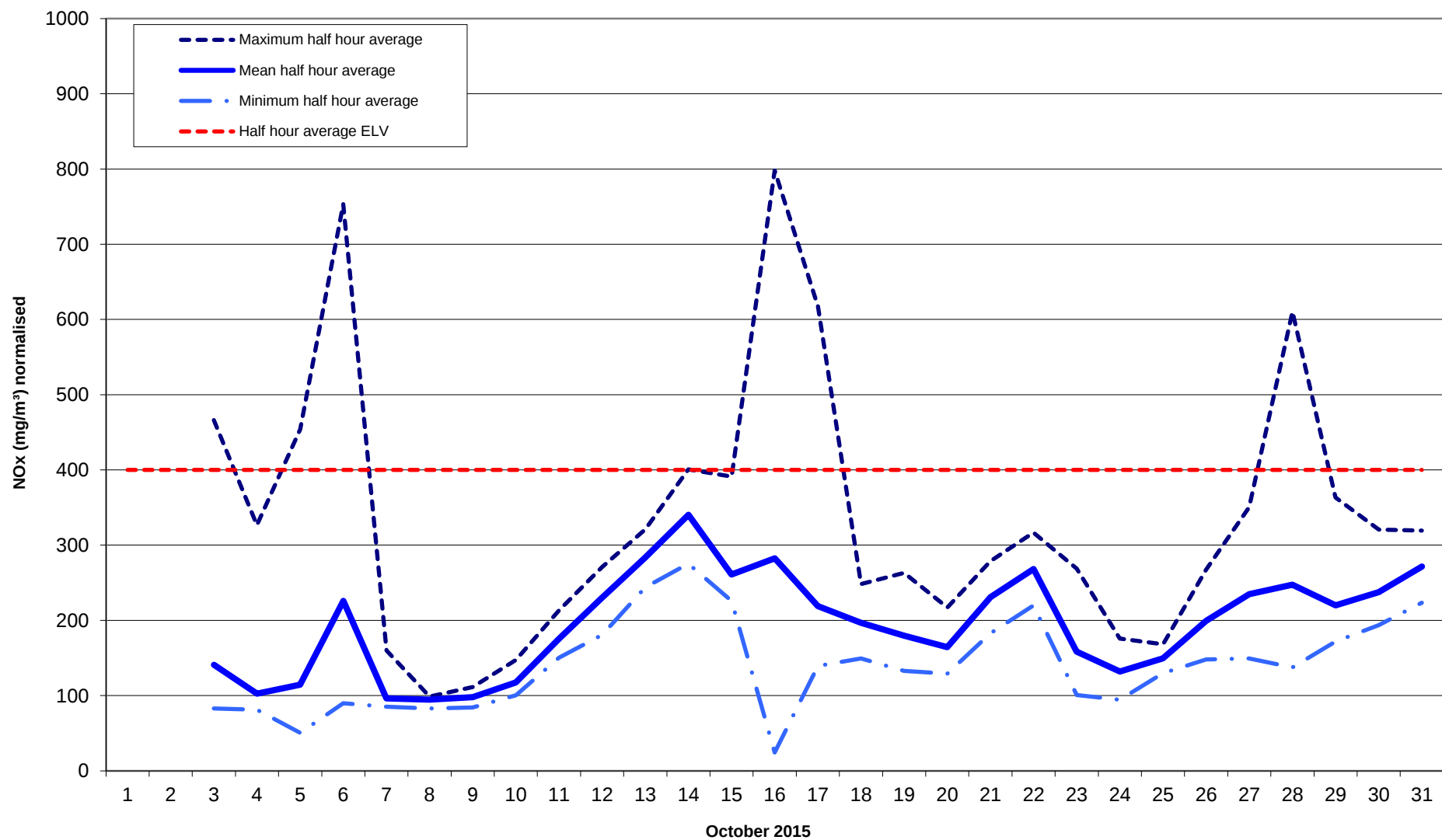
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Title: Reporting Incinerator CEM Carbon Monoxide

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Ref:

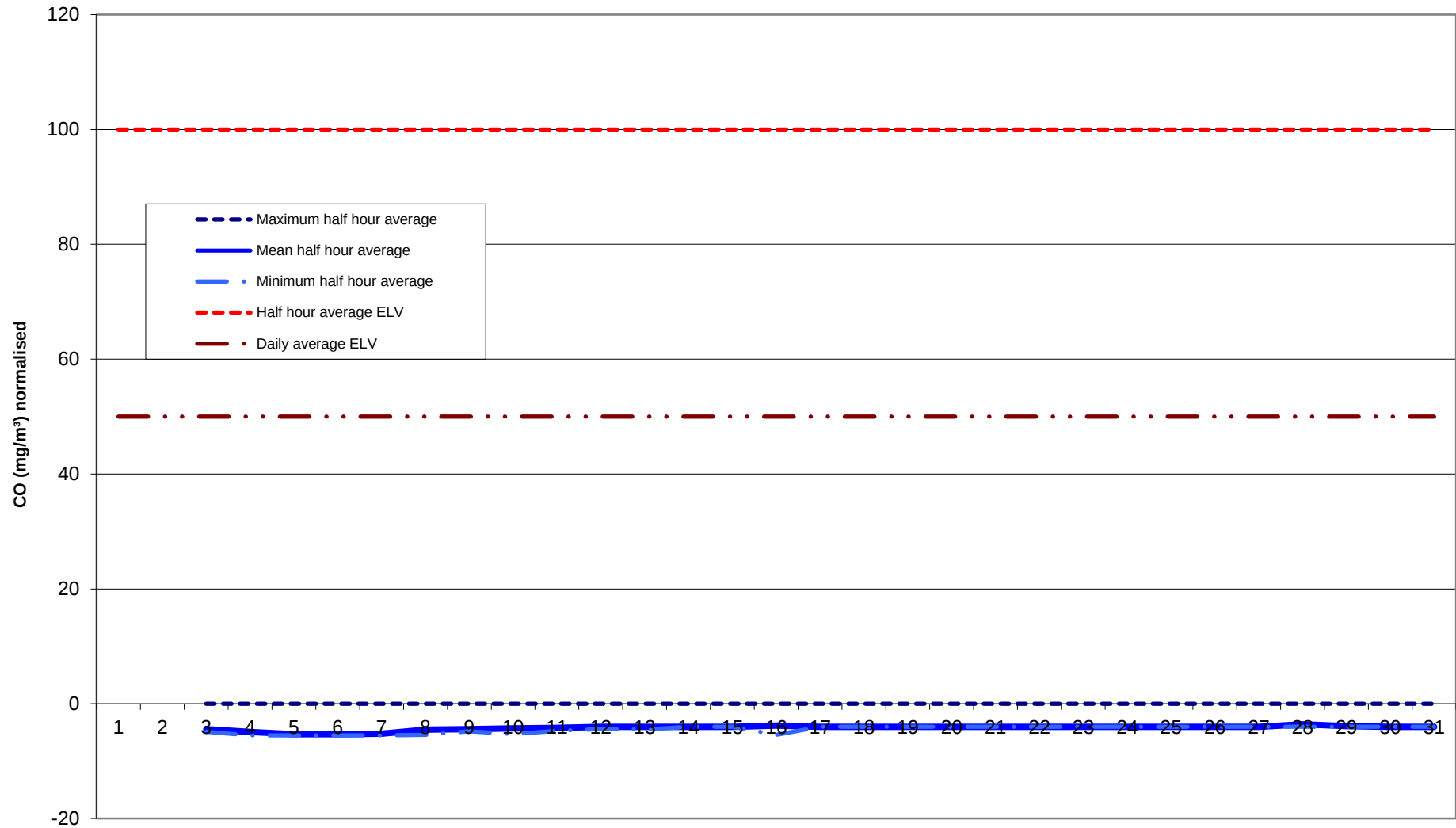
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Title: Reporting Incinerator CEM Particulates

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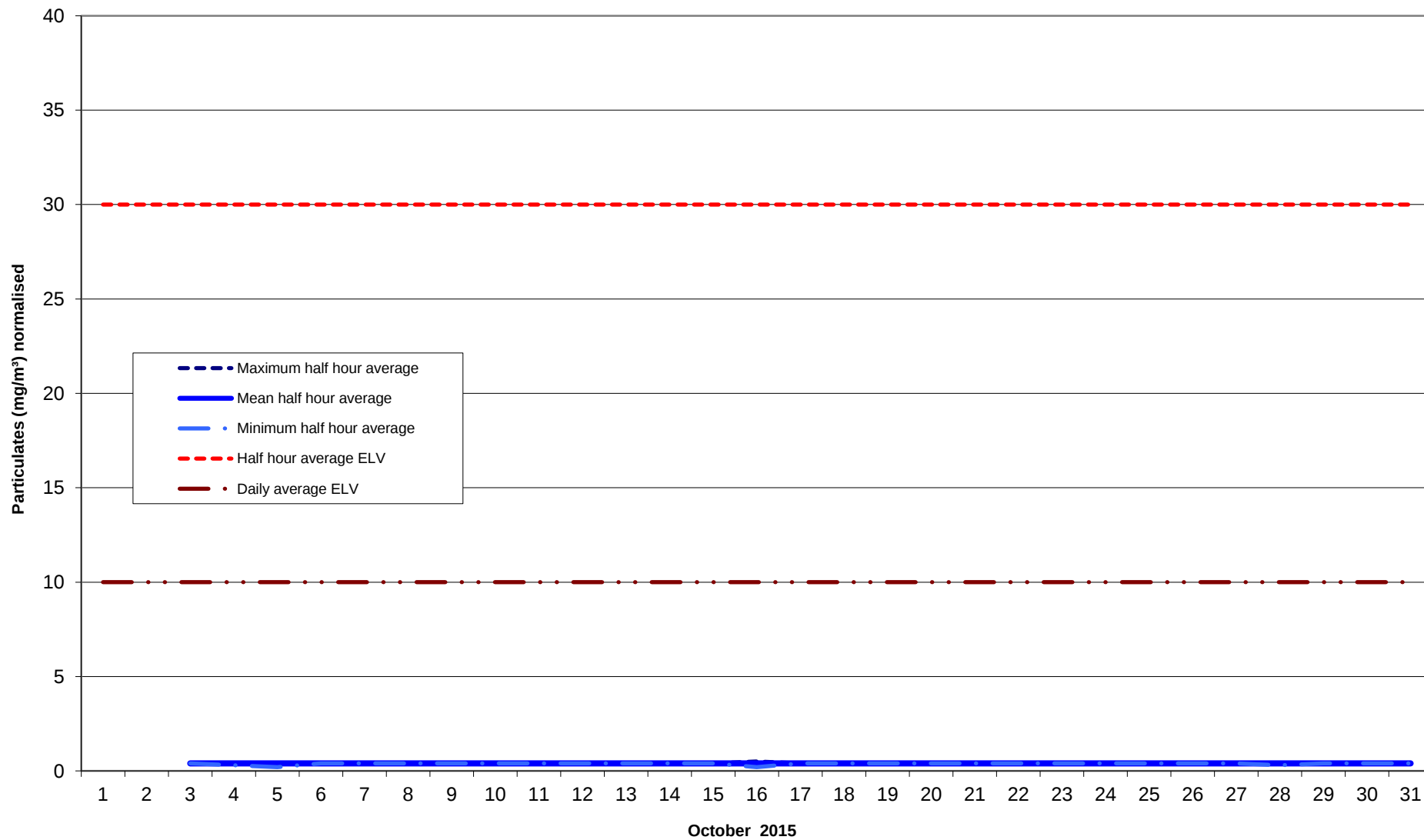
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