



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 1 of 2

Incinerator Summary Report - February 2015

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	14	24	24	24	24	22.5	14.5	16.5	24	24	24	24	6.5	11.5	19.5	22.5	11.5	22.5
	Gas	h	10	0	0	0	0	2.5	11	9.5	0	0	0	0	14.5	9	4.5	1.5	9	4.5
	Residue & gas	h	0	0	0	0	0	1	2	2	0	0	0	0	2.5	0	0	0	1	3
	Idle	h	0	0	0	0	0	0	0.5	0	0	0	0	0	5.5	3.5	0	0	4.5	0
Total flow	Residue	kg	4219.8	7200	7200.5	7200	7200.3	6763.5	4561.7	5625	8640	8640	8640.2	8641.8	1830.7	4146.3	7730	8966.3	4381.8	8290.7
	Gas	m3	1669.8	0	0	0	0	245	1653.7	1370.8	0	0	0	0	2112.2	1465.5	778.2	238.8	1336.7	472.8
	Air	m3	109055	97038	97058	94288	93600	95763	120616	122842	110361	108184	105259	105963	159467	147316	129339	128890	115663	131640
NOx (normalised)	Min	mg/m3	109.7	100	87.7	146.3	242.3	100.3	57.3	49.3	75.7	156	216.7	206.7	134.7	86.7	79.7	79	67.3	55
	Ave	mg/m3	144.3	217	132.6	258.9	366.6	241.2	234.7	195	230.6	335.2	259.1	287.9	262.8	309.9	151.3	170.4	256.8	191.4
	Max	mg/m3	588.3	385.7	318	607.7	584.3	511.7	613	443.7	673.7	515.3	307	354	484.3	1049	821.7	699.3	849.3	857.7
	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	2.5	2.1	2.1	1.9	1.9	1.5	2.5	2.5	2.1	2.1	2.1	2.1	-7.9	-8.1	-8.5	-8.2	-8.4	-8.4
	Ave	mg/m3	3	2.5	2.5	2.5	2.4	2.5	3.2	2.9	2.5	2.5	2.5	2.5	-1.1	-7.8	-7.8	-7.6	-7.3	-7.5
	Max	mg/m3	6.2	2.7	2.5	2.5	2.5	5.3	5.8	5.4	2.5	2.5	2.5	2.5	6.4	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	0.3	0.3	0.2	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.4	0.3	0.3
	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	0.4
	Max	mg/m3	0.4	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.6	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	0.5	0	0	0	0	0.4	0.4	0.2	0.5	0.5	0.5	0	0	0	0	0	0	0
	Ave	mg/m3	0.5	0.4	0	0	0.3	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.1	0	0.1	0.1	0.3	0
	Max	mg/m3	0.7	0.5	0	0	0.5	0.6	0.8	0.8	0.5	0.5	0.6	1.4	0.3	0.1	0.6	0.8	1.3	0.4
	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



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 2 of 2

Incinerator Summary Report - February 2015

Day			19	20	21	22	23	24	25	26	27	28	TOTALS
Running time	Residue	h	23.5	22	24	15.5	19	16	24	21.5	23	22.5	564.5
	Gas	h	1	2	0	9.5	5.5	9	0	4	1.5	2.5	111
	Residue & gas	h	0.5	0	0	1	0.5	1	0	1.5	0.5	1	17.5
	Idle	h	0	0	0	0	0	0	0	0	0	0	14
Total flow	Residue	kg	9348.7	8836.2	9600.5	5906.3	7416.8	6145	9600.7	8305.2	9063.5	9382.7	203.5 tonnes
	Gas	m3	91.5	316	0	1473	930.7	1412.5	0	474	166.8	295.8	16504 m3
	Air	m3	131597	131151	128375	131750	133027	133465	136585	135326	131829	144497	3409944 m3
NOx (normalised)	Min	mg/m3	85.7	87	164.7	115	90.7	78.7	91.7	65.3	94.7	72.7	
	Ave	mg/m3	327.3	340.5	331.5	297.5	214.2	98	167.3	179.4	117	126.7	
	Max	mg/m3	905	945.3	673	774.3	792	176.3	310.7	366.7	196.3	494	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-8.3	-8.4	-8	-7.9	-8.5	-7.8	-8.5	-8.5	-7.9	-8.6	
	Ave	mg/m3	-8	-7.3	-7.4	-6.8	-7.3	-7.1	-7.9	-7.6	-6.9	-7.7	
	Max	mg/m3	0	0	0	0	0	0	0	0	0	1.6	
	30m ELV exceedances	[100 mg/m3]	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	0 exceedances
Particulates (normalised)	Min	mg/m3	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.4	
	Ave	mg/m3	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	
	Max	mg/m3	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	
	30m ELV exceedances	[30 mg/m3]	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	0 exceedances
VOC (normalised)	Min	mg/m3	0	0.5	0.5	0.4	0.5	1	1	0.5	0.5	0.5	
	Ave	mg/m3	0.3	0.5	0.5	0.5	0.7	1.3	1	0.8	0.5	0.5	
	Max	mg/m3	0.9	1	0.5	1	1	1.9	1.1	1	0.7	1.5	
	30m ELV exceedances	[20 mg/m3]	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	0 exceedances

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 Oxides of Nitrogen

Area: Manufacturing

Issue No.: 1

Ref:

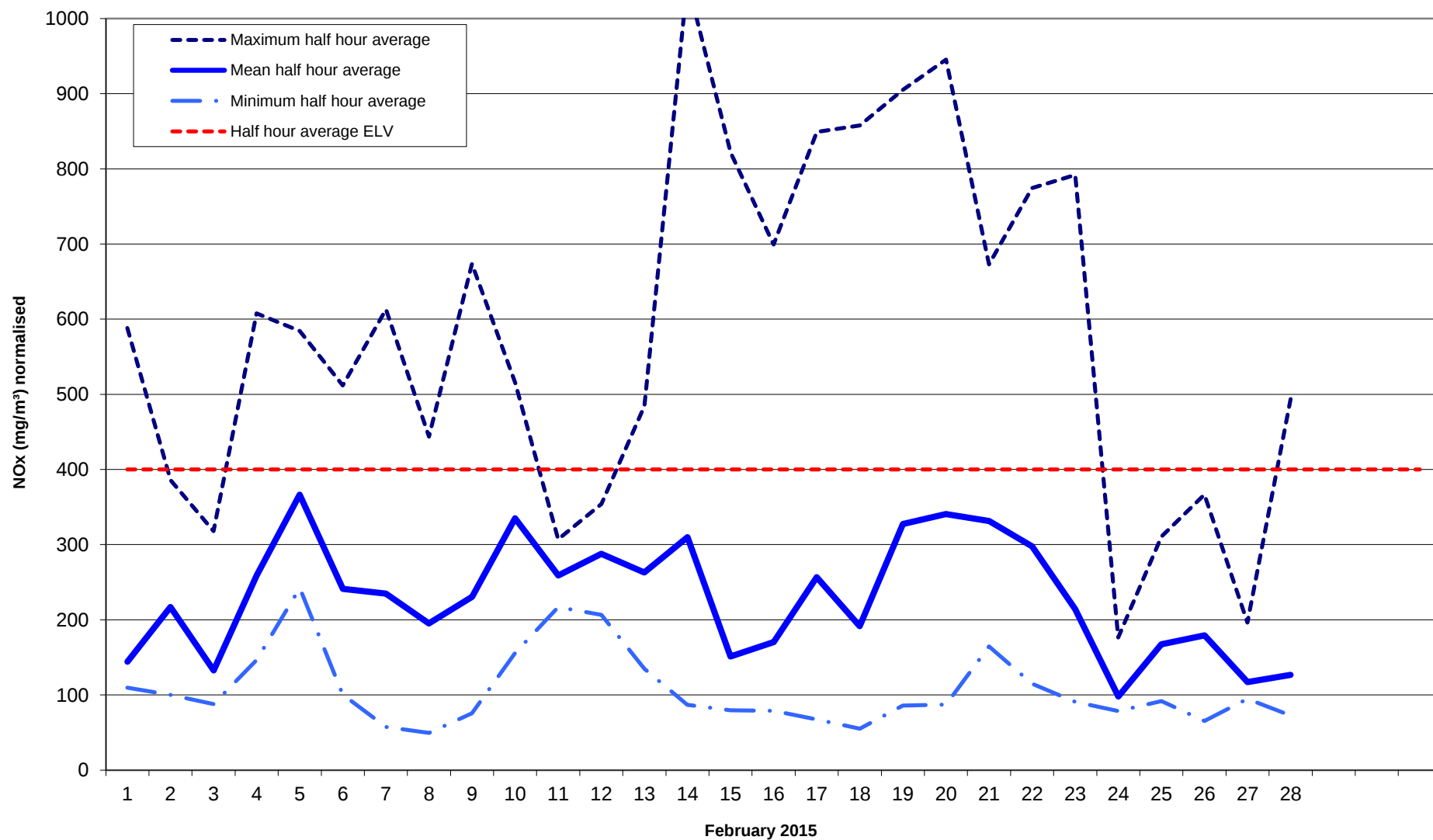
Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A7

Created on: 21-12-2006

Page: 1 of 1





Title: Reporting Incinerator CEM Carbon Monoxide

Area: Manufacturing

Issue No.: 1

Ref:

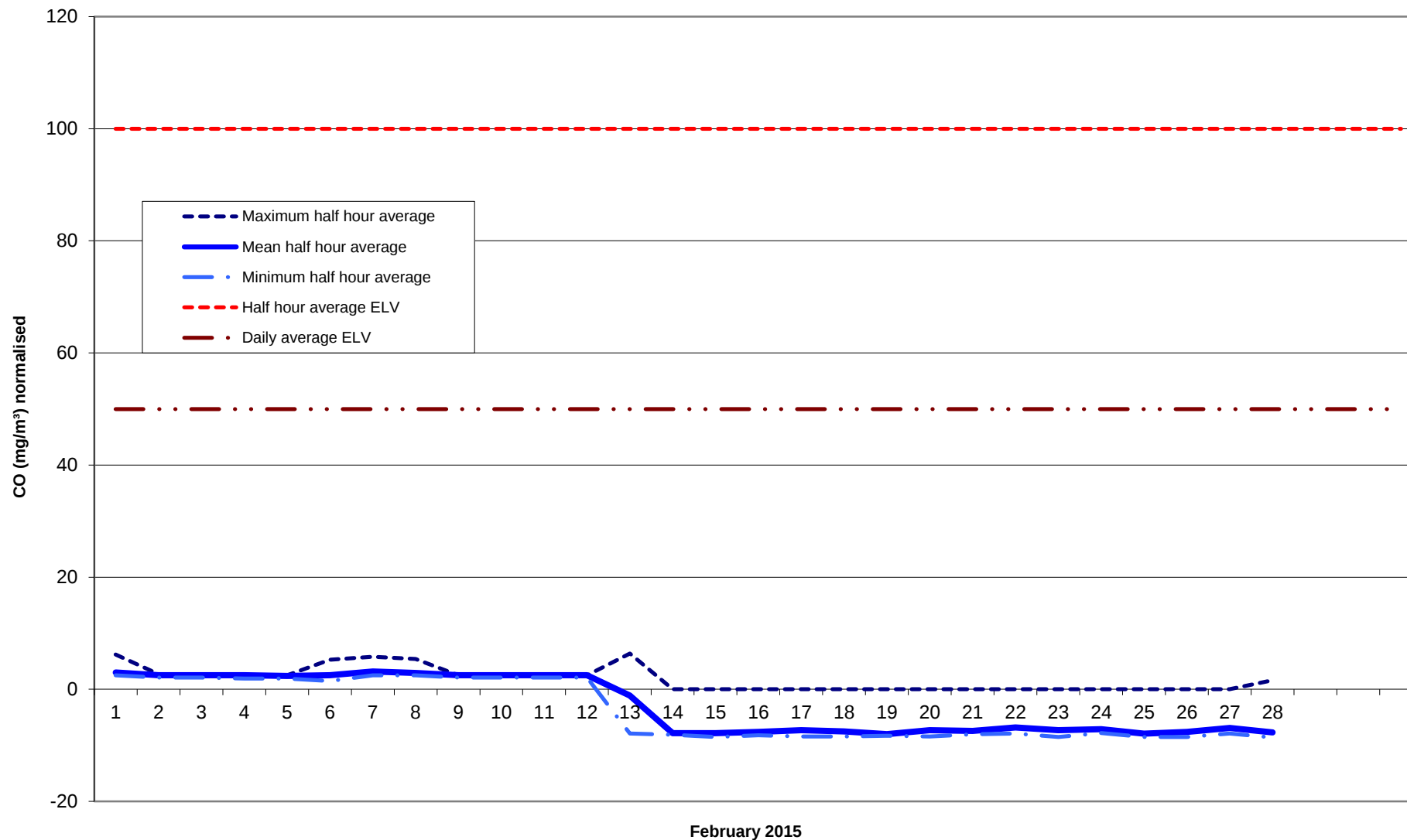
Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A6

Created on: 21-12-2006

Page: 1 of 1





Title: Reporting Incinerator CEM Particulates

Area: Manufacturing

Issue No.: 1

Ref:

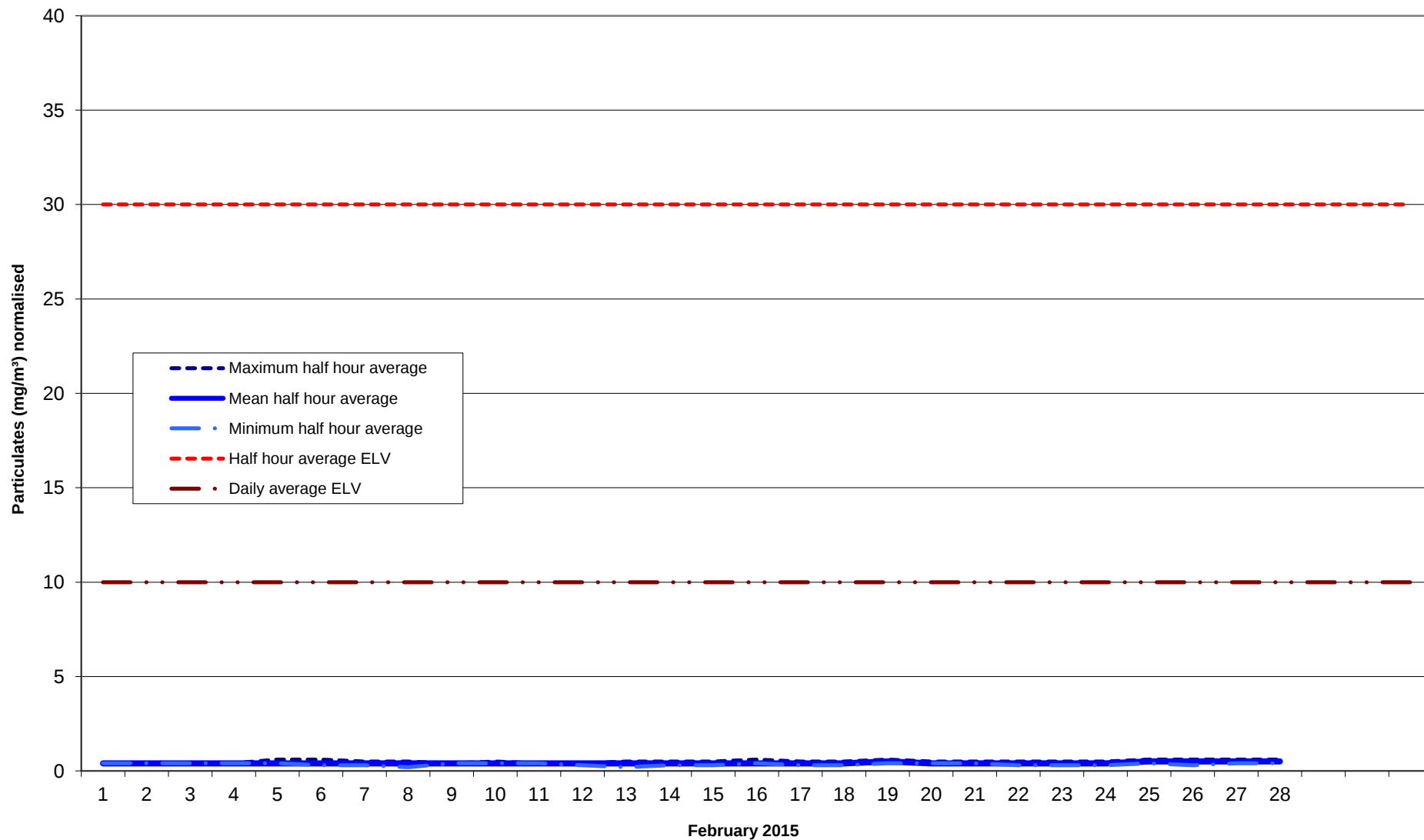
Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A4

Created on: 21-12-2006

Page: 1 of 1





Title: Reporting Incinerator CEM TOC

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A5

Created on: 21-12-2006

Page: 1 of 1

