



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 - April 2014

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	23.5	24	24	24	24	24	23.5	24	24	23.5	23.5	24	24	24	22.5	10.5	0	11.5
	Gas	h	0	0	0	0	0	0	0.5	0	0	1	0.5	0	0	0	1.5	0	12	13
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	1
	Idle	h	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.5	12	0.5
Total flow	Residue	kg	8108.7	8397.7	8401.3	8396.8	8402.7	8399.3	8186.2	8400	8400	8055	8105.5	8398.8	8401.3	8399.8	7867.3	3673.8	8.5	4059.8
	Gas	m3	0	0	0	0	0	0	83.5	0	0	135	121.2	0	0	0	234.8	37.7	1808.3	2032.3
	Air	m3	113367	114132	113250	114115	117412	121022	112363	110839	112580	116389	108764	106709	110566	112789	107670	221749	168770	122296
NOx (normalised)	Min	mg/m3	69.3	102.3	139.3	187	193.3	159	133.7	114	181	122.3	70.7	131.7	153	139.7	125	152.7		150.7
	Ave	mg/m3	179	117.3	187	246.6	278.6	194.6	207.2	195.3	206.3	258	284	189.9	181	250.1	246.5	167.4		323.7
	Max	mg/m3	265.3	135	235	323	353.3	219	382	522	226	873	597	223.3	202	427.7	414.7	196.7		887
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		N	
CO (normalised)	Min	mg/m3	-7.9	-6.8	-6.7	-7	-8	-8	-7.9	-7	-7.6	-7.8	-7.8	-6.8	-7	-6.8	-6.9	-6.8		-6.5
	Ave	mg/m3	-6.7	-6.5	-6.5	-6.7	-7.1	-7.6	-7.1	-6.8	-7	-7	-6.9	-6.5	-6.6	-6.6	-6.5			-6.1
	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
Particulates (normalised)	Min	mg/m3	0.2	0.5	0.5	0.6	0.6	0.7	0.5	0.6	0.7	0.5	0.5	0.7	0.6	0.6	0.7	0.7		0.4
	Ave	mg/m3	0.6	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		0.4
	Max	mg/m3	0.8	0.7	0.6	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7		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
VOC (normalised)	Min	mg/m3	0	0	0	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0	0	0	0	0.1		0
	Ave	mg/m3	0	0	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.3	0.3	0.1		0.3
	Max	mg/m3	0	0	0.5	0.5	0.5	0.5	0.7	0.5	0.5	1	0.5	0.4	0.3	0.5	0.5	0.3		1.5
	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	

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 - April 2014

Day			19	20	21	22	23	24	25	26	27	28	29	30	TOTALS
Running time	Residue	h	5	23.5	24	24	24	24	24	21.5	24	24	24	24	644.5
	Gas	h	16	1	0	0	0	0	0	2.5	0	0	0	0	48
	Residue & gas	h	0.5	0.5	0	0	0	0	0	0.5	0	0	0	0	3
	Idle	h	3.5	0	0	0	0	0	0	0.5	0	0	0	0	30.5
Total flow	Residue	kg	1592.2	10453.7	10251.7	9285.7	8428.7	8400	8400	7426.3	8399.5	8400.3	8399.7	8400	229.9 tonnes
	Gas	m3	2500.2	134.3	0	0	0	0	0	391.5	0	0	0	0	7479 m3
	Air	m3	130039	136671	137423	124112	114434	114790	111294	115931	113991	119047	116185	115740	3654438 m3
NOx (normalised)	Min	mg/m3	57.7	68.7	66.7	73.7	87.3	92.3	79.7	79.7	84.3	85.7	83.7	72	
	Ave	mg/m3	277.7	88.9	78.4	85.1	111.1	127.7	92.3	103.9	99	100.5	110.6	130.7	
	Max	mg/m3	764	506.7	85	93	158.3	200.7	100.3	333.7	109.7	111.7	182.3	607	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-6.5	-7	-7	-7	-7	-7	-6.8	-7	-7	-7	-7	-6.9	
	Ave	mg/m3	-5	-6.8	-6.9	-6.9	-6.7	-6.8	-6.6	-6.6	-6.9	-7	-6.9	-6.6	
	Max	mg/m3	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 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	0.1	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	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	
	Max	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	
	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	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	0.3	0	0	0	0	0	0	0	0	0	0	0	
	Max	mg/m3	1.3	0.4	0	0	0	0.1	0	0.4	0	0	0.1	0.5	
	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

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:

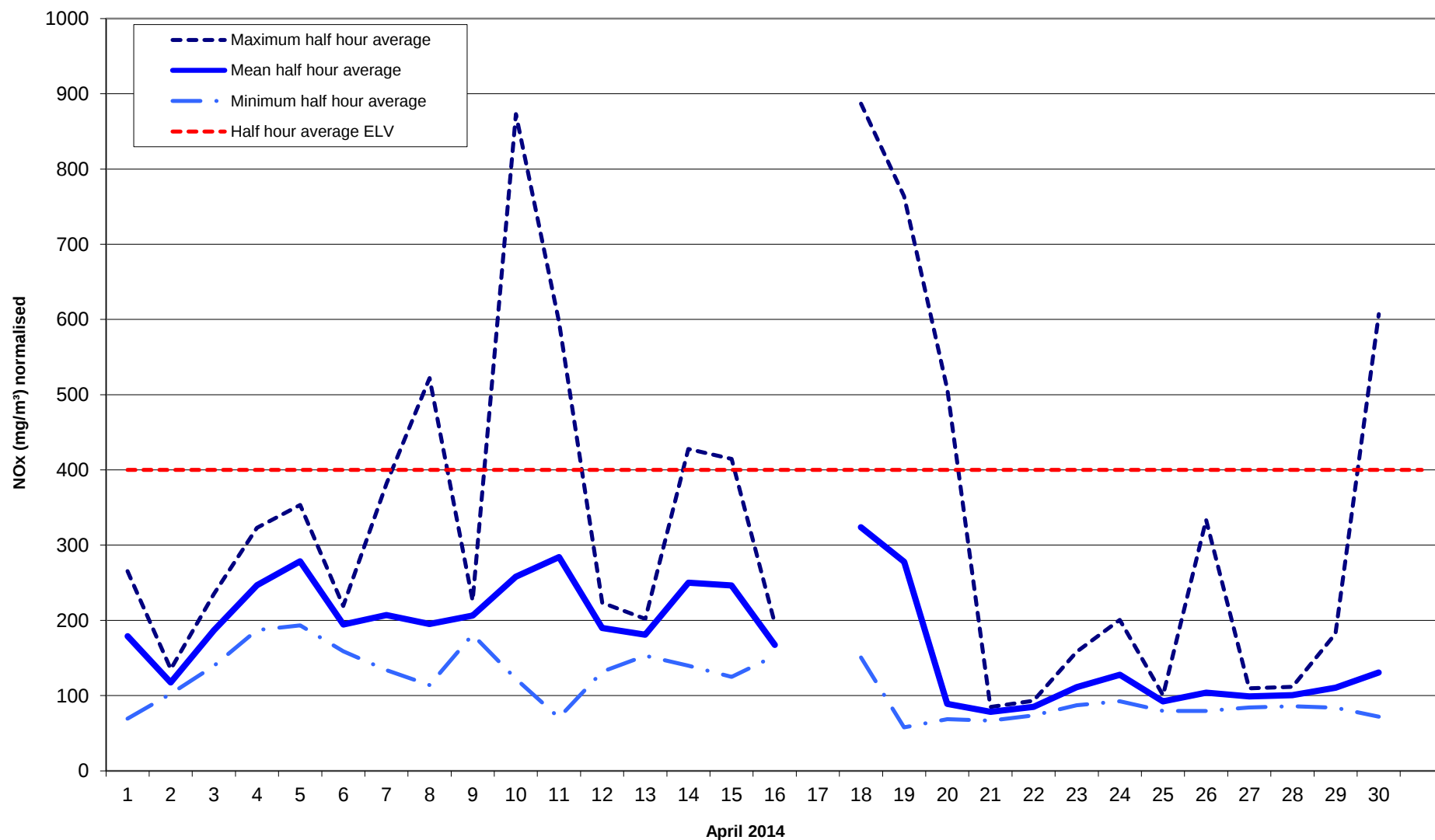
Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A7

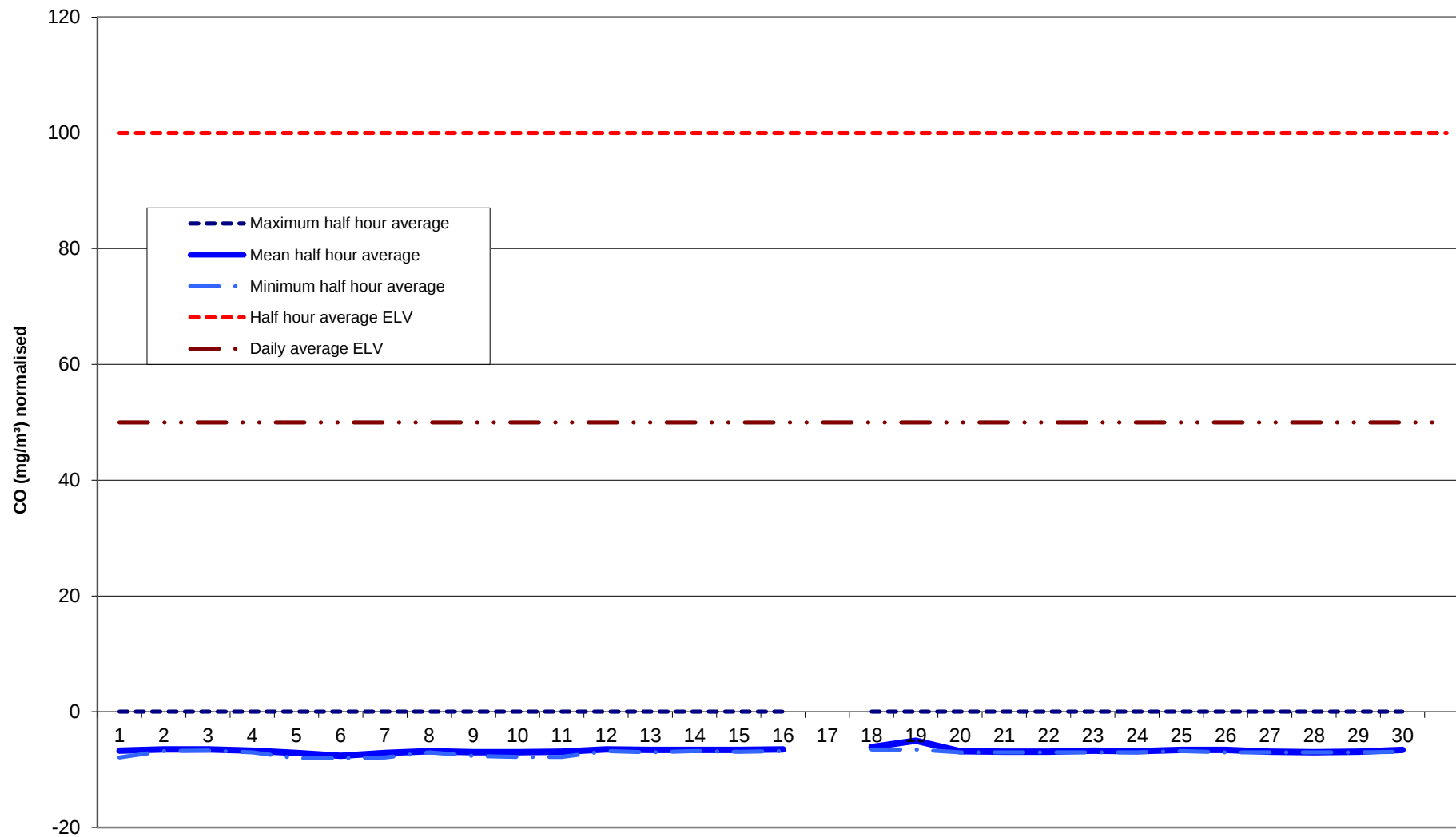
Created on: 21-12-2006

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



April 2014



Title: Reporting Incinerator CEM Particulates

Area: Manufacturing

Issue No.: 1

Ref:

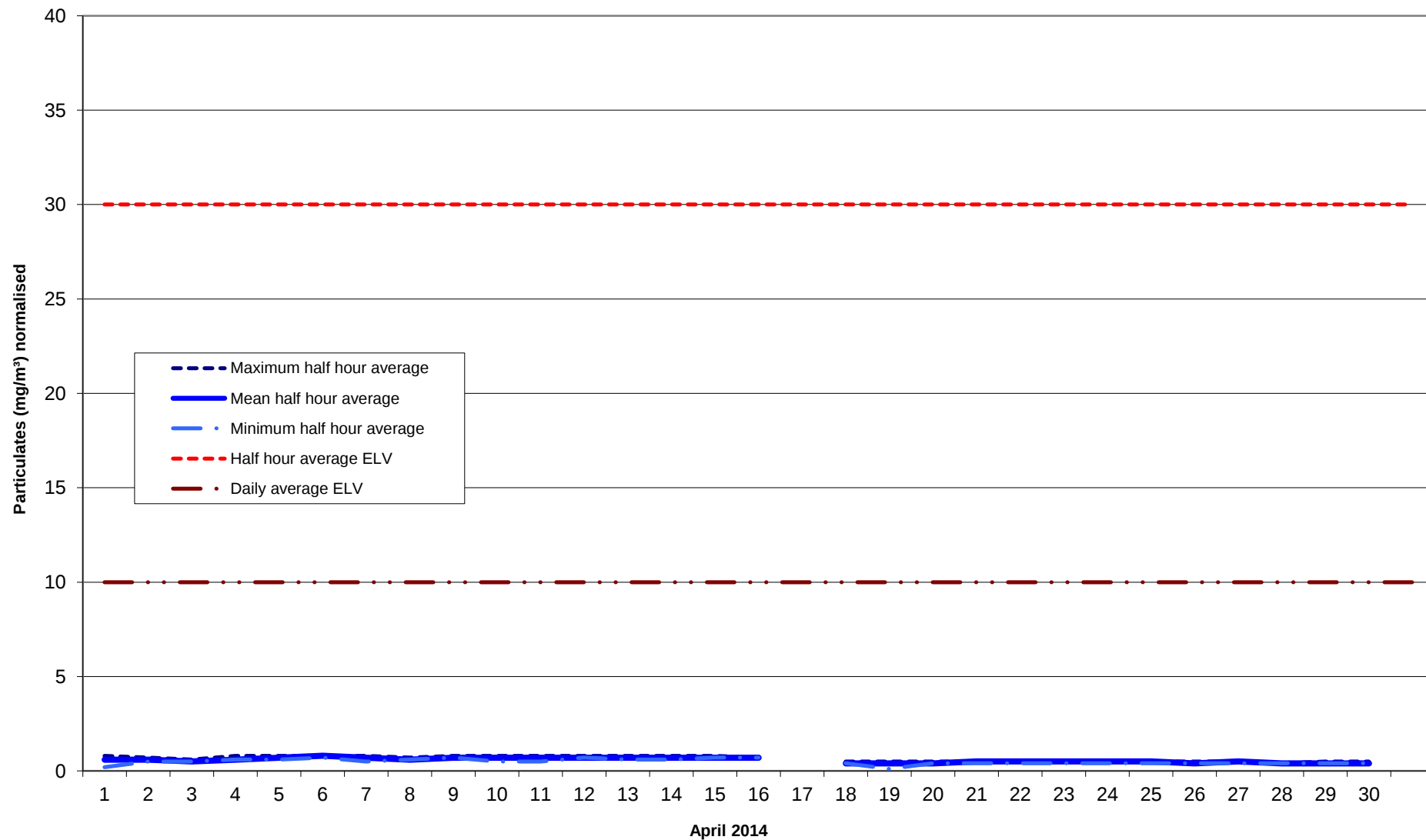
Last printed: 06/05/2015

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

