



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 - January 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	22.5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Gas	h	0	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Residue & gas	h	0	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	0	0	0	0	0
Total flow	Residue	kg	9600.2	8810.5	8734.3	7271.8	7199.7	7201.2	7200.3	7200	7200.2	7199.8	7200.3	7200.2	7200.3	7200.5	7200.5	7200.2	7200.5	7200
	Gas	m3	0	226.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Air	m3	140952	130343	114676	89277	97044	96751	102950	103255	107060	100082	97334	100818	91371	92479	97070	94000	95573	96013
NOx (normalised)	Min	mg/m3	87.3	97.3	94.3	149	125.7	121.3	120	108.7	94.7	83.7	93.7	113.3	158.3	150.3	144.3	179.7	144.3	161.3
	Ave	mg/m3	109.1	128.5	128.3	175.3	161.8	168.6	148.8	127	114	106.1	119.3	156.6	201.2	193.3	173.7	216.3	186.8	190.3
	Max	mg/m3	161.3	255.7	162	207.7	172.7	186.3	165	136.3	127	122	135.7	195.7	226	228.7	199	237.3	214	210
	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	1.9	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.1	2.2
	Ave	mg/m3	2.5	2.8	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.6
	Max	mg/m3	2.8	3.3	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.7	2.6	2.5	2.6	2.6	2.5	2.8	3.1	3.2
	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	0.4	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
	Max	mg/m3	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.4	0.5	0.5	0.5	0.4	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	0	0	0	0	0
VOC (normalised)	Min	mg/m3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Max	mg/m3	0.5	0.5	0.7	1	0.9	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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



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 - January 2015

Day			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	22.5	24	20.5	24	9.5	0	699
	Gas	h	0	0	0	0	0	0	0	2	0	4.5	0	14.5	24	46.5
	Residue & gas	h	0	0	0	0	0	0	0	0.5	0	1	0	0	0	1.5
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	7200.5	7200.3	7200.5	7199.5	7200.2	7201.3	7200.2	6875.8	7799.7	6307.8	7562.7	2893.8	0	217.1 tonnes
	Gas	m3	0	0	0	0	0	0	0	241.8	0	686.7	0	2420.8	4042.8	7619 m3
	Air	m3	95979	89797	94587	90350	91954	94289	101884	109063	110705	114995	102831	115475	127877	3186837 m3
NOx (normalised)	Min	mg/m3	172.3	225.7	170.3	86	171	294.7	242.3	86	66.7	84.7	73.7	86.7		
	Ave	mg/m3	308.6	285.6	268.4	188.3	294.8	423.5	334	160.6	231.8	173.8	132.2	116.2		
	Max	mg/m3	541.3	343.3	337	262.3	438.7	526.7	511.7	297	418.3	423	564.7	130.3		
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	Y	N	N	N	N	N	N		1 exceedances
CO (normalised)	Min	mg/m3	2.3	2.1	2.1	2.1	2	1.9	1.9	2.1	2.1	2.5	2.6	2.6		
	Ave	mg/m3	2.5	2.5	2.5	2.5	2.4	2.3	2.4	2.5	2.5	3	3.2	3		
	Max	mg/m3	2.7	2.5	2.5	2.5	2.5	2.5	2.5	5.5	2.5	7.3	3.7	3.5		
	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	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4		
	Ave	mg/m3	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4		
	Max	mg/m3	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4		
	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	0.5	0.5	0.4	0.5	1	0.9	0.9	0.8	0.4	0.5	0.5		
	Ave	mg/m3	0.5	0.7	0.5	0.5	1	1	1	1	1	0.9	0.7	0.5		
	Max	mg/m3	0.9	1	0.9	0.7	1.1	1	1	1	1	1.1	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:

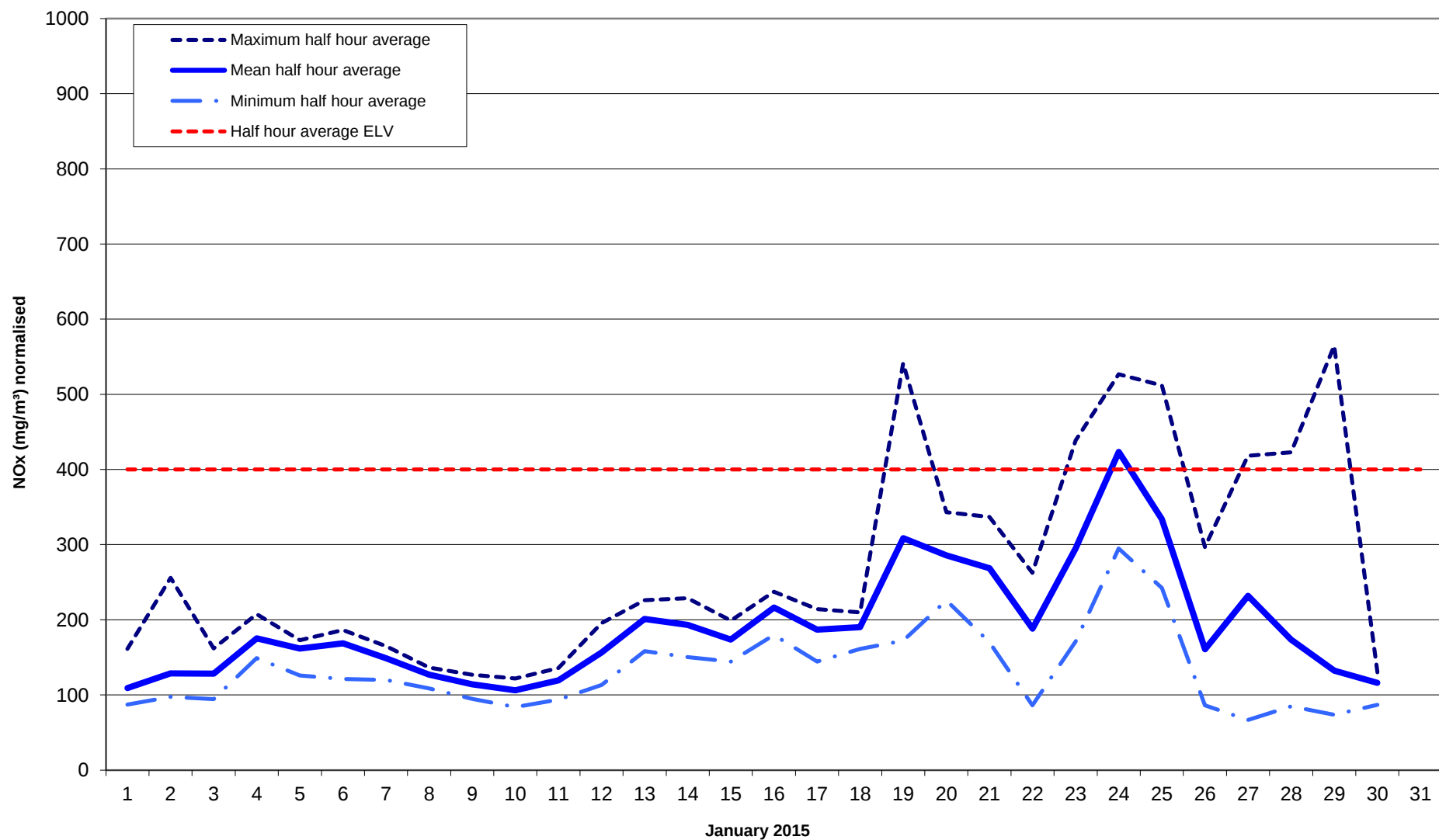
Last printed: 06/05/2015

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A7

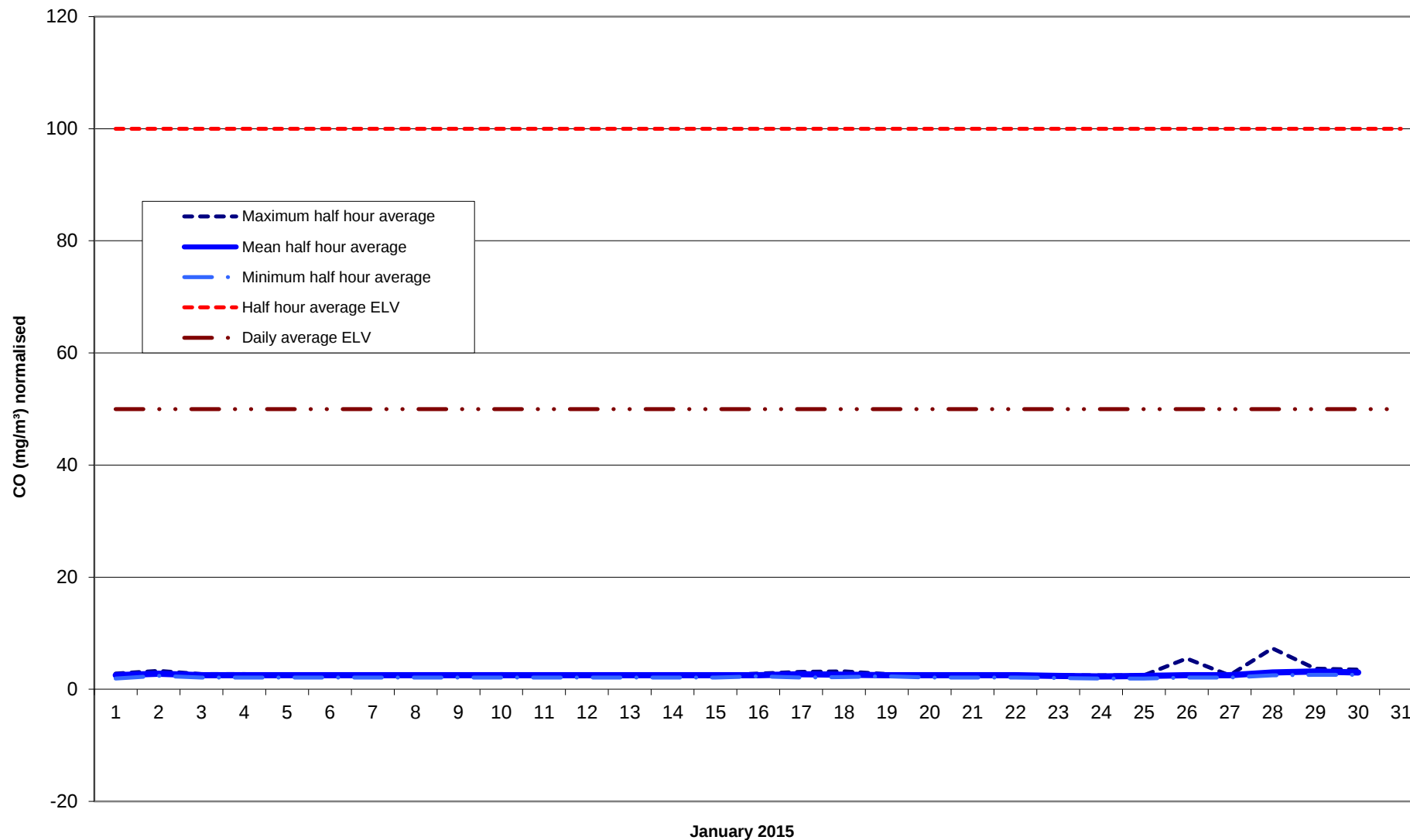
Created on: 21-12-2006

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





Title: Reporting Incinerator CEM Particulates

Area: Manufacturing

Issue No.: 1

Ref:

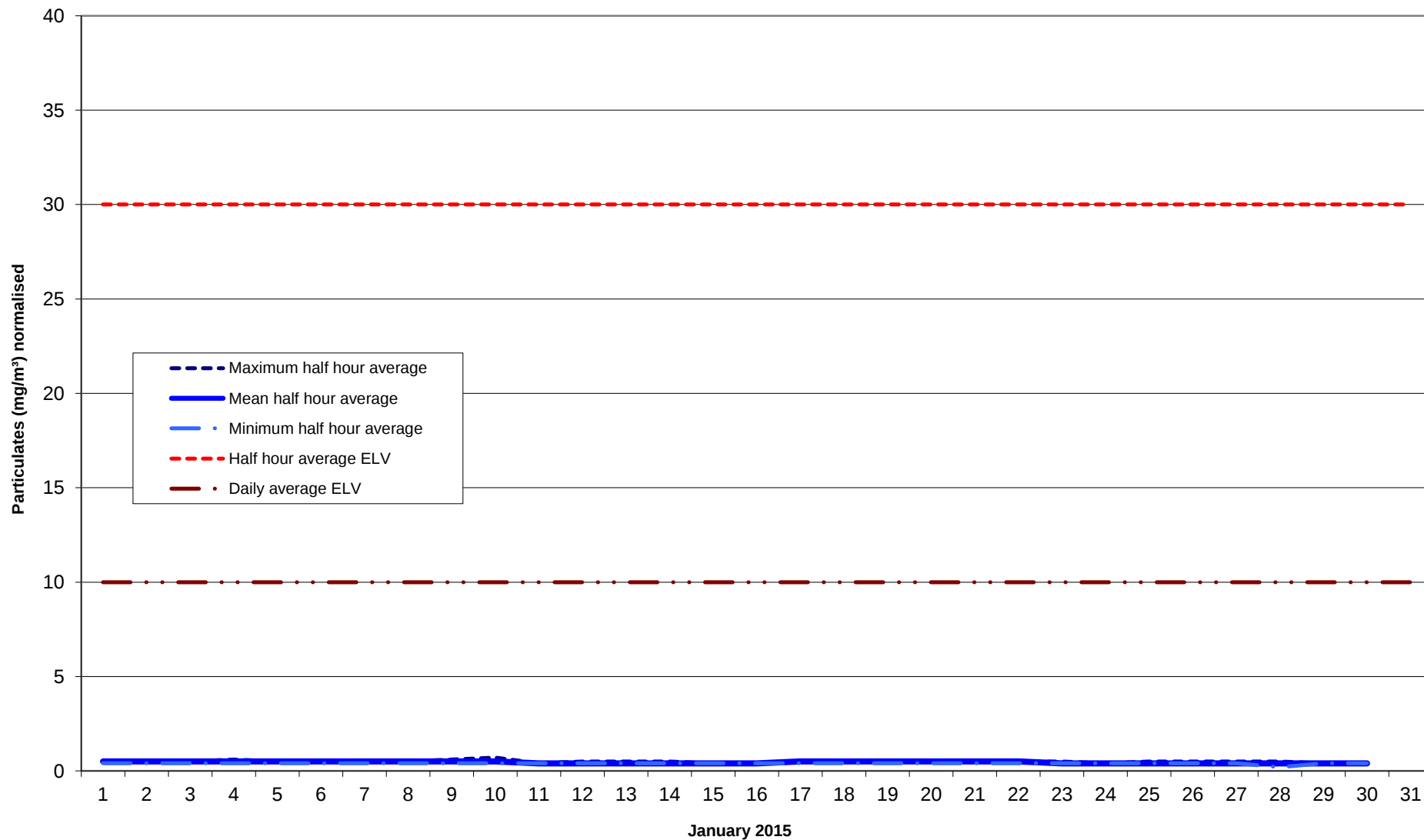
Last printed: 06/05/2015

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

