



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 2014

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	0	0	16.5	24	24	24	24	23.5	22	22.5	24	20.5	21.5	13	0	0	2.5	24
	Gas	h	0	3.5	7.5	0	0	0	0	1	3.5	2	0	6.5	2.5	3.5	0	0	15	0
	Residue & gas	h	0	0	0	0	0	0	0	0.5	1.5	0.5	0	3	0	0.5	0	0	1	0
	Idle	h	24	20.5	0	0	0	0	0	0	0	0	0	0	0	8	24	24	7.5	0
Total flow	Residue	kg	5.5	14.5	5782.6	8402.4	8411.7	8378.5	8405.3	8146	7372.8	7421.5	7201	5890.8	7009.1	3825.8	0	0	865.7	8421.9
	Gas	m3	0	569.1	1291.2	0	0	0	0	100.2	545.6	247.4	0	856.1	417.3	503.2	0	0	2408.1	0
	Air	m3	54067	72848	125442	115150	123984	120547	116174	114476	115804	110098	90506	104493	108899	91265	49975	52617	131388	116768
NOx (normalised)	Min	mg/m3			141.4	109.9	178.5	113.7	79.2	69.6	46.4	125.2	163.6	43.5	86.4	97.8			78.9	109
	Ave	mg/m3			235.7	147	203.3	183	95	95	164.2	193.2	223.7	207	175.6	132.6			367.8	132.2
	Max	mg/m3			895.7	200.5	237	305.2	112.5	116.9	570.2	326.9	284.5	401.8	403.1	144.1			562.6	211.3
	Exceeds daily ELV ?	[400 mg/m3]			N	N	N	N	N	N	N	N	N	N	N	N		N	N	
CO (normalised)	Min	mg/m3			-6.1	-5.5	-5.5	-5.5	-5.6	-5.4	-5.5	-5.6	-5.4	-5.5	-5.5	-5.4			-5.4	-5.5
	Ave	mg/m3			-5.5	-5.3	-5.1	-5.3	-5.3	-5.3	-4.6	-5.2	-5.2	-4.9	-4.8	-4.8			-4.5	-5.4
	Max	mg/m3			0	0	0	0	0	0	9.6	0	0	0	0.7	7.4			0	0
	30m ELV exceedances	[100 mg/m3]			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	
Particulates (normalised)	Min	mg/m3			3.5	3.3	3.3	3.4	3.4	3.4	3.4	3.5	4	3.8	2.8	4.9			3.1	3.2
	Ave	mg/m3			3.6	3.6	3.4	3.4	3.5	3.5	3.6	4.5	4.4	4.1	5.2	5.1			3.4	3.3
	Max	mg/m3			4	3.8	3.5	3.5	3.6	4.8	5.7	5.9	5	5.6	6	5.3			4.4	3.5
	30m ELV exceedances	[30 mg/m3]			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	
VOC (normalised)	Min	mg/m3			0	0	0	0	0	0	0	0	0.2	0.1	0.2	0.2			0.2	0.2
	Ave	mg/m3			0	0	0	0	0	0	0	0.2	0.3	0.5	0.4	0.5			0.4	0.3
	Max	mg/m3			0	0	0	0	0	0	0	0.7	0.4	2.6	2.7	6.4			0.5	0.4
	30m ELV exceedances	[20 mg/m3]			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	

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 2014

Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	24	24	24	24	22.5	24	24	24	18.5	22.5	24	24	24	589.5
	Gas	h	0	0	0	0	1	0	0	0	5	2	0	0	0	53
	Residue & gas	h	0	0	0	0	0	0	0	0	1	0.5	0	0	0	8.5
	Idle	h	0	0	0	0	0.5	0	0	0	1.5	0	0	0	0	110
Total flow	Residue	kg	8396.9	8409.6	8396.6	8399.1	7909.9	8375.8	8404.9	8214.3	5504.2	7733.5	7634.4	7225.9	7190.7	197.4 tonnes
	Gas	m3	0	0	0	0	161	0	0	0	805.8	293.1	0	0	0	8198 m3
	Air	m3	114079	112648	118492	118397	116073	117277	115844	115624	113255	118485	105582	102122	106173	3288554 m3
NOx (normalised)	Min	mg/m3	109.5	89	100.7	100.9	85.5	89	89.3	83.3	69.4	78.8	165.1	166.4	197	
	Ave	mg/m3	121.6	107.6	109.2	119.2	114.2	101.4	105.4	100.2	176.5	142.6	272.1	232.1	242.4	
	Max	mg/m3	134	122	118.7	137.2	376.3	123.1	122.1	146.8	1136.4	234.9	338.9	316.6	644	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3	-6.1	-6.1	-5.7	-6	-5.7	-5.5	-5.5	-5.5	-5.6	-5.6	-5.5	-5.4	-5.5	
	Ave	mg/m3	-5.4	-5.4	-5.4	-5.4	-5	-5.3	-5.3	-5.3	-5	-5.4	-5.4	-5.3	-5.3	
	Max	mg/m3	0	0	0	0	11.1	0	0	0	4.3	0	0	0	0	
	30m ELV exceedances	[100 mg/m3]	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	0 exceedances
Particulates (normalised)	Min	mg/m3	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2	3.1	3.3	3.4	4.9	4.6	
	Ave	mg/m3	3.4	3.5	3.3	3.4	3.5	3.4	3.4	3.6	5	3.4	4.9	5.3	4.9	
	Max	mg/m3	3.5	3.6	3.4	3.5	4.2	3.6	3.6	5.4	5.5	3.5	5.9	5.7	5.2	
	30m ELV exceedances	[30 mg/m3]	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	0 exceedances
VOC (normalised)	Min	mg/m3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	Ave	mg/m3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.2	
	Max	mg/m3	0.3	0.2	0.4	0.4	0.4	0.3	0.2	0.2	5	0.8	0.4	0.4	0.4	
	30m ELV exceedances	[20 mg/m3]	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	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:

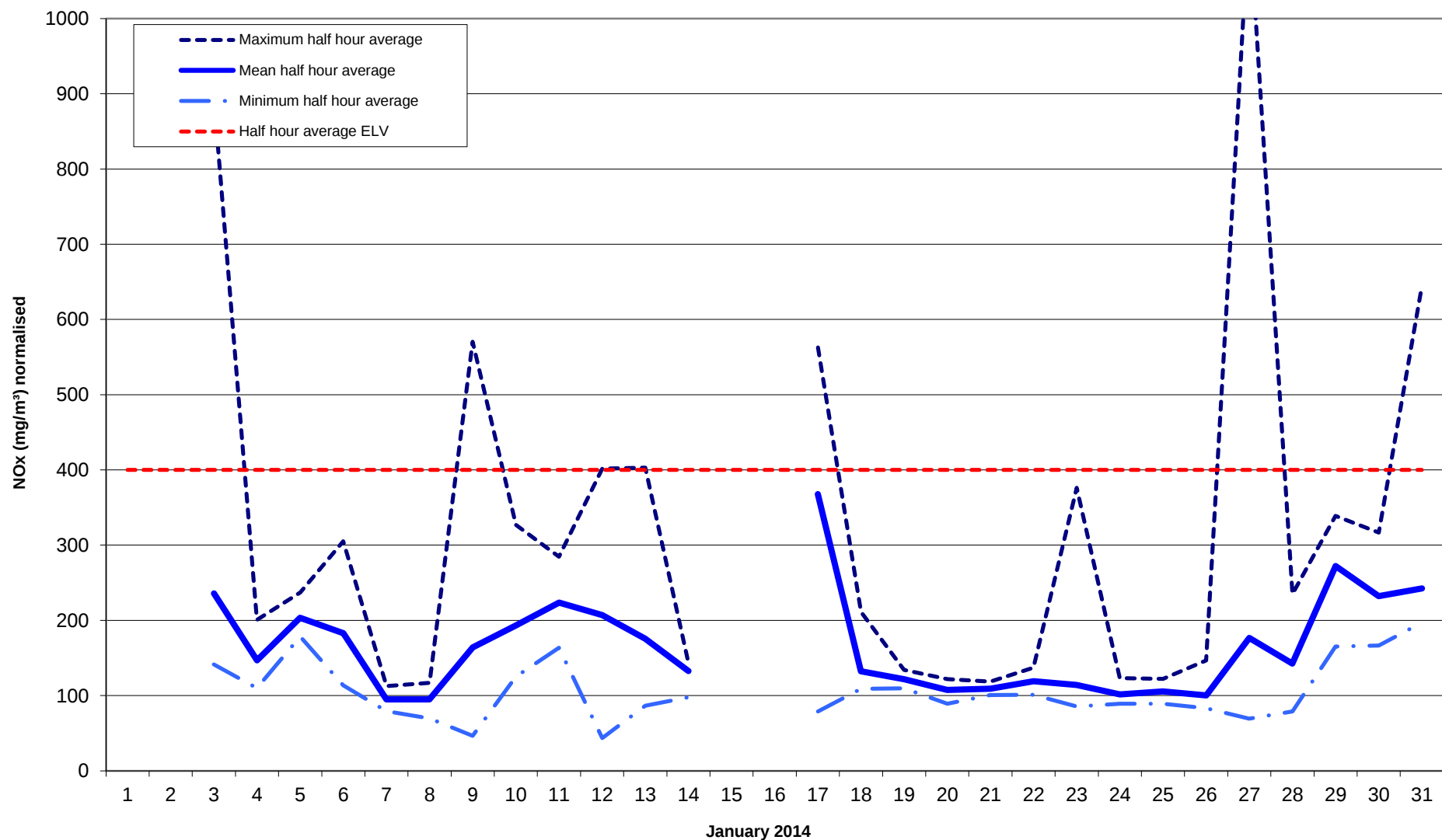
Last printed: 06/05/2015

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:

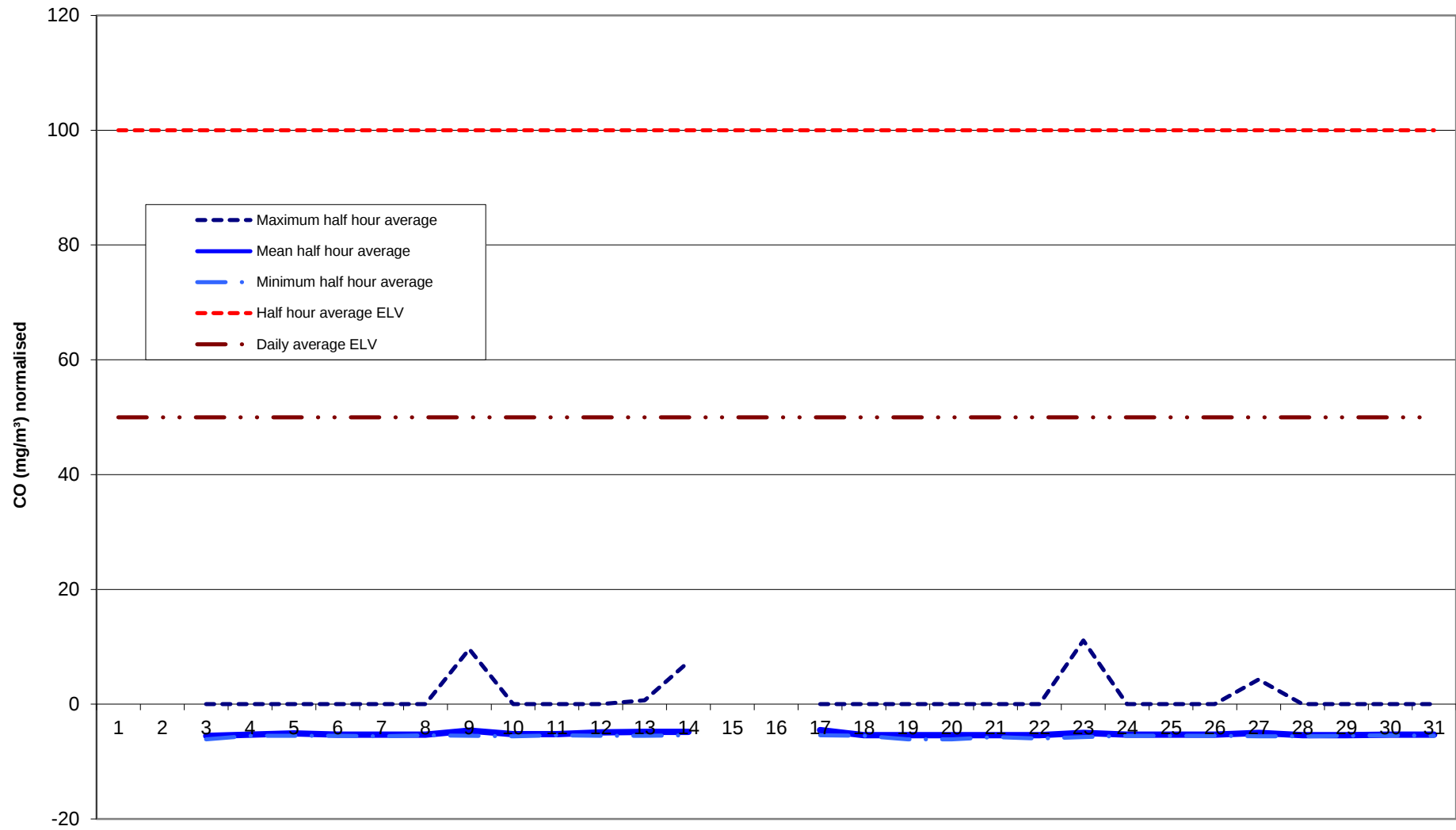
Last printed: 06/05/2015

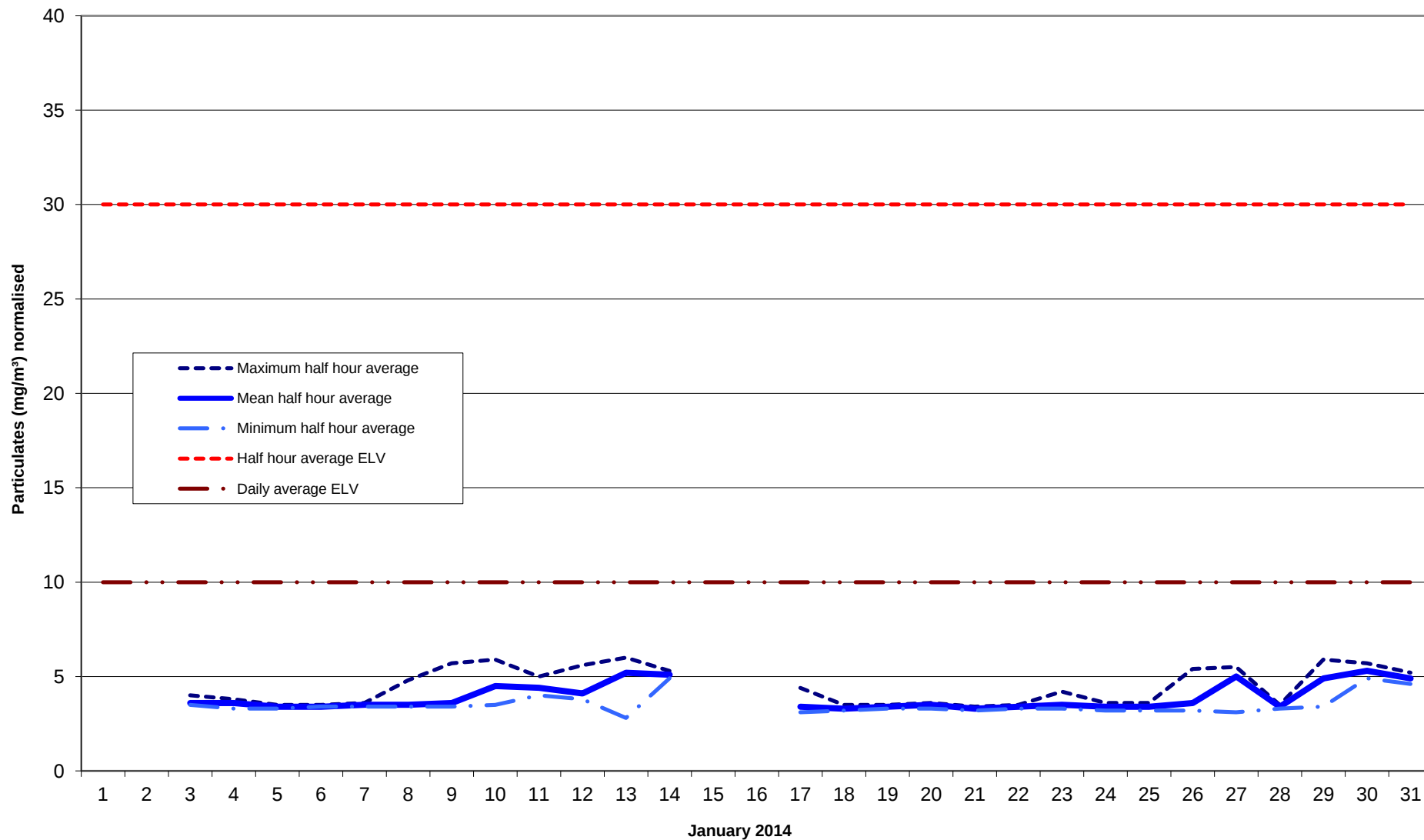
Date of Issue: 21/12/2006

Related Document: BU2357/AP3634 A6

Created on: 21-12-2006

Page: 1 of 1







Title: Reporting Incinerator CEM 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

