



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 10/04/2017

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 1 of 2

Incinerator Summary Report - March 2017

Day			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Running time	Residue	h	24	24	24	24	24	16	0	0	19	24	24	24	24	24	22.5	19.5	21.5	22
	Gas	h	0	0	0	0	0	0	0	8.5	5	0	0	0	0	0	1.5	4.5	2.5	2
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5
	Idle	h	0	0	0	0	0	8	24	15.5	0	0	0	0	0	0	0	0.5	0	0.5
Total flow	Residue	kg	13202	13200.3	13200.8	13140.2	11275.8	7025.5	0	0	8136.3	10800	11811.5	12480	12013	10931.2	10052	8536	9468.3	9752.8
	Gas	m3	0	0	0	0	0	0	0	1185.5	714.2	0	0	0	0	0	176.2	577.7	364	225
	Air	m3	170319	169939	167885	171238	144112	187122	143641	131214	129210	138128	152110	159391	151881	142478	138702	138364	137090	146442
NOx (normalised)	Min	mg/m3	160	159.3	139.3	124.3	130.7	50.7			80.3	79	101.3	176	174.3	103.7	161.3	322	56.3	104.7
	Ave	mg/m3	236.2	178	180.8	181.3	197.5	210.8			167.1	155.9	187.7	203.1	218.9	186.2	444.7	512.6	308.9	209.4
	Max	mg/m3	302.3	199.3	260.3	274	327.3	283.7			951.7	376	385.7	236	355.7	551.7	918.7	952.3	708.3	606.7
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N			N	N	N	N	N	N	Y	Y	N	N	
CO (normalised)	Min	mg/m3	-7.7	-7.9	-7.8	-7.6	-7.2	-7			-7.2	-7.4	-7	-7	-7	-7	-7	-6.8	-6.7	-7.6
	Ave	mg/m3	-6.8	-7.1	-6.7	-6.7	-6.6	-6.5			-6.6	-6.7	-6.8	-6.9	-6.9	-6.6	-6.5	-6.1	-6.3	-6.5
	Max	mg/m3	0	0	0	0	0	2.2			0	0	0	0	0	0	0	2.3	3.4	0
	30m ELV exceedances	[100 mg/m3]	0	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	7.2	7	6.8	6.4	5.5	1.7			2.5	5.1	5.1	5.4	5.2	5.1	3.2	1.4	2.1	3.1
	Ave	mg/m3	7.7	7.3	7.2	6.6	6.4	5.5			4.9	5.4	5.5	5.5	5.5	5.5	5.2	5.5	5.6	6
	Max	mg/m3	8.8	8.7	11.2	6.9	6.6	5.9			5.5	5.6	5.9	5.7	5.7	5.8	5.9	6	5.8	6.5
	30m ELV exceedances	[30 mg/m3]	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	
VOC (normalised)	Min	mg/m3	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
	Ave	mg/m3	0	0	0	0	0	0			0	0	0	0	0	0	0	0.3	0.3	0.1
	Max	mg/m3	0	0	0	0	0	0			0	0	0	0	0	0	0	0.5	0.9	0.5
	30m ELV exceedances	[20 mg/m3]	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	

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: 10/04/2017

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 2 of 2

Incinerator Summary Report - March 2017

Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	22	24	22.5	22.5	24	21	14	24	24	22.5	24	24	23	652
	Gas	h	2	0	2	1	0	3.5	11.5	0	0	1	0	0	1	46
	Residue & gas	h	0	0	1	0	0	1	1.5	0	0	0	0	0	0	4.5
	Idle	h	0	0	0.5	0.5	0	0.5	0	0	0	0.5	0	0	0	50.5
Total flow	Residue	kg	8834	9602	8690.7	9000.2	9603.7	8081.2	4981.2	9598	9601.2	8847.8	9601.8	9600.2	9127.8	290.2 tonnes
	Gas	m3	306.2	0	228	154.3	0	442	1426	0	0	120.8	0	0	143.5	6063 m3
	Air	m3	128260	114356	107467	107532	106890	107996	109356	112594	108723	100391	110761	117446	120925	4171964 m3
NOx (normalised)	Min	mg/m3	66	143.3	71.3	101.3	121.3	86.7	76.3	135	117.7	39.7	189.7	250	98.3	
	Ave	mg/m3	168.6	178.8	154	161.3	139.2	140.3	187.7	222.1	178.2	154.9	235	282.5	187.7	
	Max	mg/m3	499.3	220.7	600.3	740.3	162.7	445.7	609.7	429.7	231.3	502.7	343.3	318.7	627.3	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	2 exceedances
CO (normalised)	Min	mg/m3	-7.6	-6.5	-6.5	-6.7	-6.6	-7	-6.9	-6.6	-6.5	-6.4	-6.5	-6.5	-6.5	
	Ave	mg/m3	-6.4	-6.5	-6.1	-6.4	-6.5	-6.2	-5.6	-6.4	-6.3	-6.1	-6.3	-6.4	-6.1	
	Max	mg/m3	2.6	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 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	2.4	6.7	2.7	4	6.5	3.2	2.9	6.2	7	2.6	8.1	8.2	4.7	
	Ave	mg/m3	5.8	7	6.4	6.9	6.9	6.6	5.9	6.9	7.4	7.7	8.4	8.9	8.3	
	Max	mg/m3	6.8	7.6	7	7.5	7.3	7	7.4	7.2	7.9	8.4	8.7	9.3	9.1	
	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	0	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	0.1	0	0.1	0.1	0.2	0.1	0.2	0.4	0.2	0	0	0	0.2	
	Max	mg/m3	0.9	0	0.8	0.5	0.5	1.1	0.9	0.5	0.5	0	0	0	0.5	
	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