



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 24/07/2018

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 1 of 2

Incinerator Summary Report - March 2018

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	20	24	24	23.5	23.5	24	22.5	24	24	24	24	24	24	24	24	24
	Gas	h	0	0	4.5	0	0	0.5	0.5	0	1.5	0	0	0	0	0	0	0	0	0
	Residue & gas	h	0	0	0.5	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	12002.2	11996.5	9675.1	11991.6	11991.7	11590.2	11590.4	11989.3	11166.8	11995.8	12000.9	11186.1	9606.9	9585.8	8942.9	8388.7	8408.5	8377.8
	Gas	m3	0	0	516.2	0	0	87.8	87.8	0	178.5	0	0	0	0	0	0	0	0	0
	Air	m3	143607	147499	141813	156909	156915	153202	153184	153257	153295	154767	151702	145971	125013	124769	118178	104525	97894	102639
NOx (normalised)	Min	mg/m3	12.5	13.3	13.2	13.2	13.1	11.6	12.7	12.9	12.6	13	12.8	12.4	0	12.3	11.7	12.7	12.6	12.7
	Ave	mg/m3	13.1	13.6	13.5	13.3	13.2	13.3	13.5	13.4	13.3	13.5	13	12.9	0.1	12.5	12.5	12.9	12.8	12.9
	Max	mg/m3	13.5	13.8	15.6	13.4	13.4	15.6	16	13.6	15.3	14.2	13.2	13.2	4.1	12.7	15.3	13.2	13.1	13
	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	62.2	80	68	68.9	106.9	57.9	54.7	71.2	55.5	57.7	47.5	63.3	0	140.1	175.4	254.8	151.8	157.6
	Ave	mg/m3	87.5	115.4	117.6	114.4	186.8	141.2	84.3	89	99.3	80.6	64.7	159.8	1.8	190.1	251.7	312.4	259.8	241.5
	Max	mg/m3	113.8	154.5	322.5	152.7	258.6	623.1	243.1	130.1	366.3	116.2	81.4	457	84.6	259.7	370.3	385.8	412.1	297.5
	30m ELV exceedances	[100 mg/m3]	11	34	29	34	48	36	1	9	17	2	0	20	0	48	48	48	48	48
Particulates (normalised)	Exceeds daily ELV ?	[50 mg/m3]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y
	Min	mg/m3	-3.3	-3.4	-3.4	-3.3	-3.3	-3.3	-3.4	-3.4	-3.5	-3.7	-3.2	-3.2	-1	-3	-3.5	-3.2	-3.2	-3.1
	Ave	mg/m3	-3.2	-3.3	-3	-3.3	-3.2	-3	-3.2	-3.3	-3.2	-3.3	-3.1	-3.1	0	-2.9	-2.9	-3.1	-3.1	-3.1
	Max	mg/m3	0	0	9.5	0	0	1.9	0	0	0	0	0	0	0	0	0	0	0	0
VOC (normalised)	30m ELV exceedances	[30 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
	Min	mg/m3	2.4	2.6	1.1	2.3	2.4	0.3	2.3	3.1	2	3.5	3.1	2.4	0	2.4	1.9	2.3	2.4	2.3
	Ave	mg/m3	3.4	5.4	2.9	2.6	2.7	2.7	3.1	3.3	3.8	4.2	3.6	4.6	0	2.8	2.6	2.5	2.6	2.6
VOC (normalised)	Max	mg/m3	22.8	31.3	4.4	3.5	3.3	3.3	3.6	4.1	5.3	5.2	4.8	10.6	2.2	5.6	2.9	2.7	2.8	2.8
	30m ELV exceedances	[20 mg/m3]	1	1	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: 24/07/2018

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 2 of 2

Incinerator Summary Report - March 2018

Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	24	24	24	11.5	0	0	0	0	0	0	0	0	0	509
	Gas	h	0	0	0	0.5	0	0	0	0	0	0	0	0	0	7.5
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
	Idle	h	0	0	0	12	24	24	24	24	24	24	24	24	24	228
Total flow	Residue	kg	8372.4	8406.3	8404.3	3986.1	0	1.1	0	0	0	0	0	0	0	221.7 tonnes
	Gas	m3	0	0	0	56.8	0	0	0	0	0	0	0	0	0	927 m3
	Air	m3	110275	111761	115106	181145	285457	111506	66697	63734	59866	55432	58421	60190	62420	3827150 m3
NOx (normalised)	Min	mg/m3	12.4	12.4	8	12.3										
	Ave	mg/m3	12.6	12.6	12.6	12.7										
	Max	mg/m3	12.8	12.8	15.4	15.6										
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N										0 exceedances
CO (normalised)	Min	mg/m3	109.2	205.6	40.9	223.4										
	Ave	mg/m3	159.2	247.2	277.3	273.5										
	Max	mg/m3	242.3	299.6	369.5	361.4										
	30m ELV exceedances	[100 mg/m3]	48	48	47	23										647 exceedances
	Exceeds daily ELV ?	[50 mg/m3]	Y	Y	Y	Y										21 exceedances
Particulates (normalised)	Min	mg/m3	-3	-3.1	-3.1	-3.1										
	Ave	mg/m3	-3	-3	-3	-2.7										
	Max	mg/m3	0	0	0	3.2										
	30m ELV exceedances	[30 mg/m3]	0	0	0	0										0 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	N	N	N	N										0 exceedances
VOC (normalised)	Min	mg/m3	2.4	2.5	2.4	2.3										
	Ave	mg/m3	2.6	2.6	2.7	2.8										
	Max	mg/m3	2.7	2.8	3.6	3.4										
	30m ELV exceedances	[20 mg/m3]	0	0	0	0										2 exceedances
	Exceeds daily ELV ?	[10 mg/m3]	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