



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 03/10/2017

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 1 of 2

Incinerator Summary Report - July 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	15.5	24	22.5	24	20	24	24	24	24	23	21	24	24	24	24	24	
	Gas	h	0	0	7.5	0	1.5	0	4.5	0	0	0	0	1	3.5	0	0	0	0	0	
	Residue & gas	h	0	0	0.5	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0
	Idle	h	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total flow	Residue	kg	9908	9838	6196.2	9761.8	9035.7	9569.8	7674.8	9555.2	9541	9569.2	9481.7	8928.3	8593.8	12000.3	12000	12000.2	12000.2	12000	
	Gas	m3	0	0	913.5	0	156.8	0	579.2	0	0	0	0	164	446.8	0	0	0	0	0	0
	Air	m3	118712	117779	118336	113301	107810	107812	101697	106550	110303	107961	102172	107716	116545	125762	128077	133219	139136	140023	
NOx (normalised)	Min	mg/m3	89.7	98	51	201.7	144.3	14.7	-12.7	11	97	58	65.7	214.7	129	103.7	160.7	150	94	83	
	Ave	mg/m3	112.1	128.9	316.1	366.8	248.5	73	46.9	116.5	151.1	126.3	174.1	282.1	264.1	136.4	205.3	259.4	222.6	104.7	
	Max	mg/m3	137.3	149.7	866.7	511.7	887.7	155.3	317.3	186.3	209	162.7	245	670.7	428.7	171.7	244.3	339.7	355	121.3	
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CO (normalised)	Min	mg/m3	-7.2	-6.7	-7	-7	-6.9	-6.7	-6.8	-7	-7	-7	-7.5	-7.5	-6.5	-6.5	-6.1	-6.1	-6.2	-6.1	
	Ave	mg/m3	-6.7	-6.5	-6.4	-6.8	-6.5	-6.5	-6.4	-6.7	-6.7	-6.8	-6.5	-6.5	-6.2	-6	-6	-6	-6	-6	
	Max	mg/m3	0	0	1.7	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	0	0
Exceeds daily ELV ?	[50 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Particulates (normalised)	Min	mg/m3	7.5	7.7	3.4	8.1	7	9.1	5.1	9.2	9.3	9.7	9.6	6.4	4.2	10.6	11.3	11.3	11.3	10.9	
	Ave	mg/m3	7.9	8.2	7.7	8.5	9.2	9.5	9.1	9.6	9.7	10.1	9.9	9.9	9.7	11.2	11.3	11.3	11.3	11.3	
	Max	mg/m3	8.3	8.4	8.6	9.2	9.5	9.9	9.8	9.9	10.1	10.5	10.2	10.3	11	11.3	11.3	11.3	11.3	11.3	
	30m ELV exceedances	[30 mg/m3]	0	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	Y	N	N	N	Y	Y	Y	Y	Y		
VOC (normalised)	Min	mg/m3	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Ave	mg/m3	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Max	mg/m3	0.4	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	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: 03/10/2017

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 2 of 2

Incinerator Summary Report - July 2017

Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	24	24	24	23	24	24	24	24	24	24	22.5	24	24	723.5
	Gas	h	0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	21
	Residue & gas	h	0	0	0	0.5	0	0	0	0	0	0	0	0	0	2
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5
Total flow	Residue	kg	11999.8	12000	12000	11234.5	12000	12000	11094.3	8400.3	8400	9340.3	9011.2	9600	9600	314.3 tonnes
	Gas	m3	0	0	0	187.8	0	0	0	0	0	0	180.2	0	0	2628 m3
	Air	m3	141901	140299	137492	137325	144645	148797	134734	98587	94396	111676	115168	117480	115133	3740539 m3
NOx (normalised)	Min	mg/m3	43.3	57	70.3	47.3	99.3	61	71.7	144.3	149	156.7	133	135.3	138	
	Ave	mg/m3	69.6	86.8	99.3	93.8	115	91.3	115.9	194	198.4	182.8	171.6	177.7	189.8	
	Max	mg/m3	101.7	110.7	123.3	141.3	133.3	120.7	167.3	232	240.7	208.3	189	207.3	204.7	
	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	-6.5	-6.5	-6.5	-7	-7	-7	-7	-7	-7	-6.9	-7.1	-7	-7	
	Ave	mg/m3	-6.1	-6.5	-6.5	-6.6	-7	-6.9	-6.8	-6.6	-6.8	-6.5	-6.6	-6.7	-6.8	
	Max	mg/m3	0	0	0	0.3	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	10.1	10.4	9.1	3.9	10.2	10.6	8.3	7.9	7.7	7.7	8.4	8.5	9.3	
	Ave	mg/m3	10.6	10.6	10.2	9.5	10.5	10.9	10.5	8.2	8.1	8.5	8.6	8.9	9.7	
	Max	mg/m3	11.2	11.1	11.3	10.3	11.3	11.3	11.3	8.5	8.4	9	8.9	9.5	10	
	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]	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	12 exceedances	
VOC (normalised)	Min	mg/m3	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	
	Max	mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	
	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