



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

Ref:

Last printed: 28/01/2018

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 1 of 2

Incinerator Summary Report - December 2017

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	0	0	0	0	0	0	0	0	0	11	0.5	0	0	0	2	0
	Gas	h	24	24	24	24	24	0.5	0	0	0	0	0	15.5	24	24	24	24	24	24
	Residue & gas	h	0	0	0	0	0	0	0	0	0	0	0	11	0.5	0	0	0	2	0
	Idle	h	0	0	0	0	0	23.5	24	24	24	24	24	8.5	0	0	0	0	0	0
Total flow	Residue	kg	0	0	0	0	0	0	0	0	0	0	0	1499.5	96.7	0	0	0	236.6	39.3
	Gas	m3	109771.6	118633.6	118588.6	117827.4	117810.7	824.8	0	0	0	0	0	61095.7	124007.3	136078.2	139624.2	144357	138642.8	139974.4
	Air	m3	180	219	238	268	268	2	0	0	0	0	0	52	318	235	289	339	322	290
NOx (normalised)	Min	mg/m3												-658.9	56.1				78.5	
	Ave	mg/m3												-67.1	56.1				96.3	
	Max	mg/m3												135.5	56.1				104	
	Exceeds daily ELV ?	[400 mg/m3]											N	N				N		
CO (normalised)	Min	mg/m3												-1.3	-1.1				0	
	Ave	mg/m3												1.3	-1.1				0.1	
	Max	mg/m3												7.5	0				0.6	
	30m ELV exceedances	[100 mg/m3]												0	0				0	
	Exceeds daily ELV ?	[50 mg/m3]											N	N				N		
Particulates (normalised)	Min	mg/m3												0	0.3				0.5	
	Ave	mg/m3												0.4	0.3				0.5	
	Max	mg/m3												0.8	0.3				0.5	
	30m ELV exceedances	[30 mg/m3]												0	0				0	
	Exceeds daily ELV ?	[10 mg/m3]											N	N				N		
VOC (normalised)	Min	mg/m3												0	0.7				1	
	Ave	mg/m3												3.2	0.7				1.6	
	Max	mg/m3												12.3	0.7				2.6	
	30m ELV exceedances	[20 mg/m3]												0	0				0	
	Exceeds daily ELV ?	[10 mg/m3]											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: 28/01/2018

Date of Issue: 21/12/2006

Related Document: BU2357/AP3634

Created on: 21-12-2006

Page: 2 of 2

Incinerator Summary Report - December 2017

Day			19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
Running time	Residue	h	0	0	11.5	20.5	19.5	5.5	8.5	6	2	9	15.5	18.5	17	147
	Gas	h	24	24	24	24	24	24	24	24	24	24	24	24	24	592
	Residue & gas	h	0	0	11.5	20.5	19.5	5.5	8.5	6	2	9	15.5	18.5	17	147
	Idle	h	0	0	0	0	0	0	0	0	0	0	0	0	0	152
Total flow	Residue	kg	0	0	1448.8	2596.4	2668.2	1082.6	1329.8	871.3	277.4	1246.7	2023.6	2403.8	2268.6	20.1 tonnes
	Gas	m3	145341.6	139237.8	114149.1	98785.3	101611	176981.8	92314.5	97965.2	115925.5	108859.2	108092.9	102404.8	96308.9	2965214 m3
	Air	m3	343	312	175	116	124	230	177	185	309	270	191	125	136	5712 m3
NOx (normalised)	Min	mg/m3			0	41.3	46.1	0	31.2	54.7	61.1	40.5	36.5	0	0	
	Ave	mg/m3			13.4	65.1	64.9	24.3	53.2	66.1	85.1	54.7	75.9	54.4	1.9	
	Max	mg/m3			115	82.7	85.8	103.9	96	83	110.6	71.1	199.9	156.7	63.4	
	Exceeds daily ELV ?	[400 mg/m3]		N	N	N	N	N	N	N	N	N	N	N	N	0 exceedances
CO (normalised)	Min	mg/m3			0	-0.8	-1.5	0	-1.3	-1	0	0	-1.1	-0.7	0	
	Ave	mg/m3			0.1	0.1	0.1	0.6	-0.3	0.4	1.1	0.5	0.4	0.5	0	
	Max	mg/m3			0.8	2.1	2.1	6.6	2.6	2.6	3.4	2.2	4.9	11	0.1	
	30m ELV exceedances	[100 mg/m3]			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	0.5	0.3	0	0.2	0.4	0.4	0.5	0.3	0	0	
	Ave	mg/m3			0.1	0.8	0.5	0.3	0.3	0.4	0.4	0.7	0.7	0.2	0	
	Max	mg/m3			0.4	1	1.1	1.1	0.4	0.6	0.5	1.1	1.1	0.5	0.3	
	30m ELV exceedances	[30 mg/m3]			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	0.1	0	0	1.1	0.2	2.1	0.2	0.3	0	0	
	Ave	mg/m3			2.6	0.9	0.8	3	6.9	1.5	3.5	1.3	2.5	10.3	0.1	
	Max	mg/m3			31.9	9.6	5.8	12.5	19.6	5.8	5	7.2	9.7	55.8	3.3	
	30m ELV exceedances	[20 mg/m3]			1	0	0	0	0	0	0	0	0	7	0	8 exceedances
	Exceeds daily ELV ?	[10 mg/m3]		N	N	N	N	N	N	N	N	N	Y	N		1 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