	Title: Reporting Incinerator **CEM**		**Area:** Manufacturing		**Issue No.:** 1
	Ref:		**Last printed:** 10/07/2017		**Date of Issue:** 21/12/2006
	Related Document: BU2357/AP3634		**Created on:** 21-12-2006		**Page:** 1 of 2

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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	21	24	24	24	20.5	6	6.5	3.5	2	0	10.5	24	24	24	18	24
	Gas	h		0	0	3.5	0	0	0	2.5	15.5	15.5	21	12	12	12.5	0	0	0	6	0
	Residue & gas	h		0	0	0.5	0	0	0	0	0.5	0	0.5	0.5	0	0.5	0	0	0	0	0
	Idle	h		0	0	0	0	0	0	1	3	2	0	10.5	12	1.5	0	0	0	0	0
Total flow	Residue	kg		10894	11576.7	10113.2	12000.2	12000.2	11999.3	9102.3	2084	2128.5	1038	552.5	0	4252.8	11765.7	11999.7	11999.8	8447.5	11601.8
	Gas	m3		0	0	420.7	0	0	0	315.5	1957.2	1882.8	2544.8	1426.5	1487.8	1479.8	0	0	0	764.7	0
	Air	m3		141184	149257	145532	144744	144539	141927	135965	121477	110926	101052	167245	185990	120702	146468	145916	151773	133957	141012
NOx (normalised)	Min	mg/m3		79.3	90.7	96.7	66	169	176	119.7	62.3	38.7	419.7	90		177.7	165	113.7	130.3		103.3
	Ave	mg/m3		99.8	156.7	169.2	88.3	295.4	234.3	299	472.2	356.1	842.4	591.8		396.6	229.4	137.6	180.8		124.3
	Max	mg/m3		121.7	287.7	701.7	157.7	562.7	300.3	662.3	989.3	968.7	1121.7	1065.7		1057.3	361	175	303.3		197.3
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	Y	N	Y	Y		N	N	N	N		N	
CO (normalised)	Min	mg/m3		-7	-7	-7	-7	-7	-7	-7	-11.3	-9.1	-6.3	-6.5		-6.8	-7	-7	-7		-7
	Ave	mg/m3		-7	-7	-6.6	-7	-6.6	-6.9	-6.6	-5.7	-5.9	-5.4	-6.3		-5.9	-6.9	-6.9	-7		-6.8
	Max	mg/m3		0	0	0	0	0	0	0	1.3	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
	Exceeds daily ELV ?	[50 mg/m3]	N	N	N	N	N	N	N	N	N	N	N		N	N	N	N		N	
Particulates (normalised)	Min	mg/m3		5.7	5.5	2.4	5.3	6.9	7.3	4.3	1.9	2	3	2.9		2.8	6.2	6.8	7		6.1
	Ave	mg/m3		6	5.9	5.5	6.2	7.2	7.5	7.1	4.4	3.8	4.3	3.5		5.3	6.9	7	7.2		6.9
	Max	mg/m3		7.3	7.4	7.4	6.9	7.6	8	8	5.6	4.7	5.4	4.3		6.1	7.2	7.1	7.5		7.3
	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		N	
VOC (normalised)	Min	mg/m3		0.1	0.1	0	0	0	0	0	0	0	0	0		0	0	0	0		0
	Ave	mg/m3		0.4	0.5	0.1	0	0	0	0	0	0	0	0		0	0	0	0		0
	Max	mg/m3		0.5	0.5	0.5	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
	Exceeds daily ELV ?	[10 mg/m3]	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

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Day				19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS	
Running time	Residue	h		24	24	24	24	24	19	24	24	24	11	24	24	21	595	
	Gas	h		0	0	0	0	0	7	0	0	0	12	0	0	3	122.5	
	Residue & gas	h		0	0	0	0	0	2	0	0	0	2.5	0	0	0.5	7.5	
	Idle	h		0	0	0	0	0	0	0	0	0	3.5	0	0	0.5	34	
Total flow	Residue	kg		11760	11788.3	11999.7	11999.2	11996.5	8526	11997.8	11999.5	11924.2	3490.5	11909.5	12000.5	10203.2	285.2	tonnes
	Gas	m3		0	0	0	0	0	800.5	0	0	0	1444.8	0	0	392.7	14918	m3
	Air	m3		139867	136295	142475	145386	150135	135839	152193	156177	153577	110863	135612	139348	134221	4361652	m3
NOx (normalised)	Min	mg/m3		108.3	89.7	69.7	133.3	159	93	118.3	236.7	153	155.3	141	189.3	101.3		
	Ave	mg/m3		124.3	113.2	112.6	181.7	197	262.8	196.8	271.7	208.9	338.8	251	238.3	234.6		
	Max	mg/m3		145.7	145.7	189.3	248.7	250	558.7	293	302.3	267	888	310.3	292	678		
	Exceeds daily ELV ?	[400 mg/m3]	N	N	N	N	N	N	N	N	N	N	N	N	N		3	exceedances
CO (normalised)	Min	mg/m3		-7	-6.9	-7	-7	-7	-7	-7.1	-7.2	-7.5	-6.6	-7	-7.1	-6.4		
	Ave	mg/m3		-6.6	-6.5	-6.3	-6.5	-6.3	-5.7	-6.7	-6.7	-6.9	-5.6	-6.2	-6.7	-5.8		
	Max	mg/m3		0	0	0	0	0	0.4	0	0	0	0.2	0	0	1.4		
	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		6.9	6.8	7.1	7.6	7.9	2.5	7.9	8.4	5.8	2	6.4	7.9	3.1		
	Ave	mg/m3		7.1	6.9	7.3	7.9	8	7.4	9	9.2	8.7	4.4	7.5	8.2	8.5		
	Max	mg/m3		7.2	7	7.5	8	8.1	8.4	10.4	10.2	10.2	5.9	8.2	8.5	9.4		
	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	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

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