

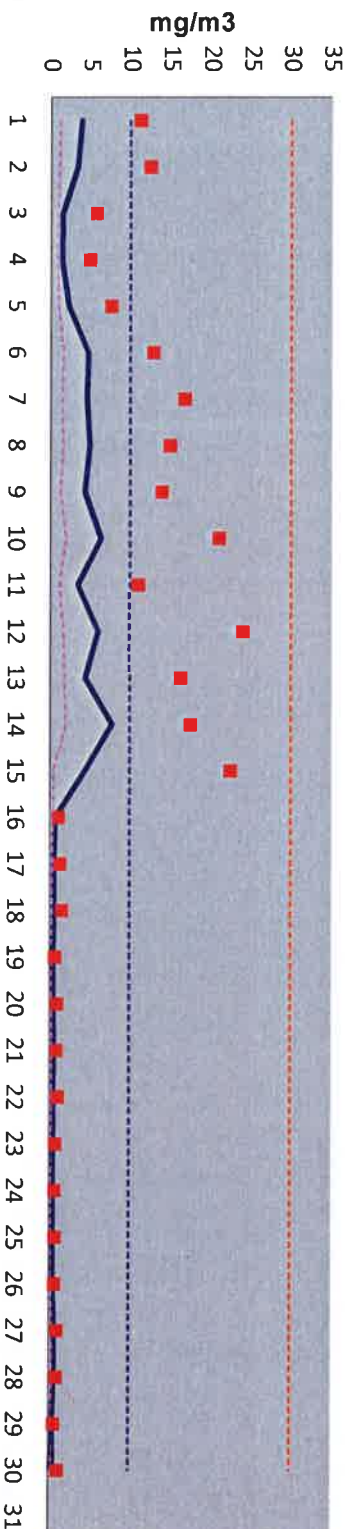
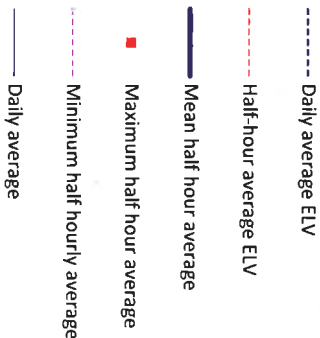
Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A2/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Particulates from Emission Point A1 for the month of November 2013

RECEIVED
17 DEC 2013

Daily and Half Hourly
Average Monitoring Data



Monthly summary		Date		Half-hour average ELV	
Monthly maximum	24.0	Maximum half hour average	11.3	12.5	5.81
Monthly mean	2.4	Mean half hour average	3.92	3.39	1.52
Monthly minimum	0.3	Minimum half hourly average	1.18	1.09	0.9
Total invalid results	31.0	No. of invalid results	0	0	0
Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0
Daily average		Daily average ELV		No. of invalid days	
Monthly maximum	7.8	Daily average	3.92	3.39	1.52
No. of invalid days	0.0	Value valid	Y	Y	Y
Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N

Signed..... Date.....
(authorised to sign as representative of the Operator)

MONITORING RETURNS N. WALSH

INITIALS DATE

CHIEFED W. HATHORSTADT

TRACING

W. HATHORSTADT

W. HATHORSTADT

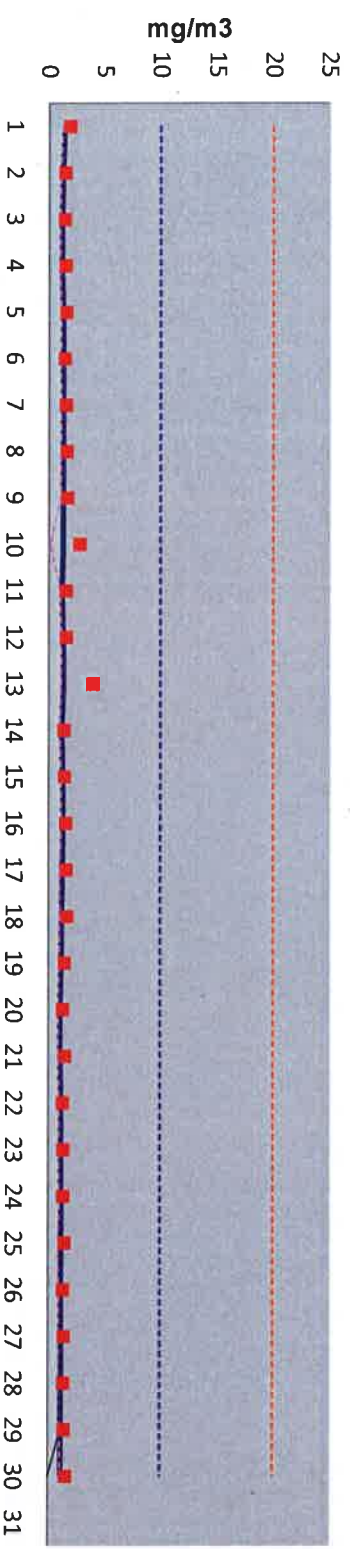
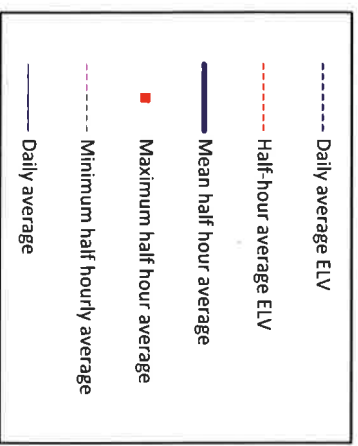
LC 21.14
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LC 21.14
JB 21.14
EDM

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A4/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for VOC from Emission Point A1 for the month of November 2013

Daily and Half Hourly Average Monitoring Data



Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	Half-hour average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Monthly maximum	4.0 Maximum half hour average	1.92	1.49	1.44	1.51	1.58	1.45	1.57	1.64	1.69	2.8	1.56	1.59	4.02	1.39	1.44	1.57	1.59	1.69	1.47	1.32	1.52	1.32	1.37	1.37	1.5	1.35	1.44	1.4	1.45	1.59
Monthly mean	1.2 Mean half hour average	1.41	1.28	1.22	1.18	1.31	1.29	1.29	1.29	1.31	1.32	1.22	1.34	1.36	1.22	1.31	1.34	1.26	1.22	1.18	1.07	1.09	1.16	1.15	1.17	1.21	1.16	1.18	1.19	1.16	1.17
Monthly minimum	0.1 Minimum half hourly average	1.28	1.09	1.07	1.01	1.14	1.2	1.18	1.1	1.11	0.14	1.08	1.18	1.12	1.01	1.16	1.19	1.01	1.02	1.05	0.96	0.96	0.99	0.99	1.06	0.93	0.96	1.09	1.12	1.06	1.09
Total invalid results	31.0 No. of invalid results	0	0	0	3	5	0	0	0	1	0	0	3	8	1	0	0	0	0	0	0	8	0	0	0	0	0	0	0	2	0
Sum of exceedances	0.0 No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily average	Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	1.4 Daily average	1.41	1.28	1.22	1.18	1.31	1.29	1.29	1.29	1.31	1.32	1.22	1.34	1.36	1.22	1.31	1.34	1.26	1.22	1.18	1.07	1.09	1.16	1.15	1.17	1.21	1.16	1.18	1.19	1.16	0
No. of invalid days	0.0 Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sum of exceedances	0.0 Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

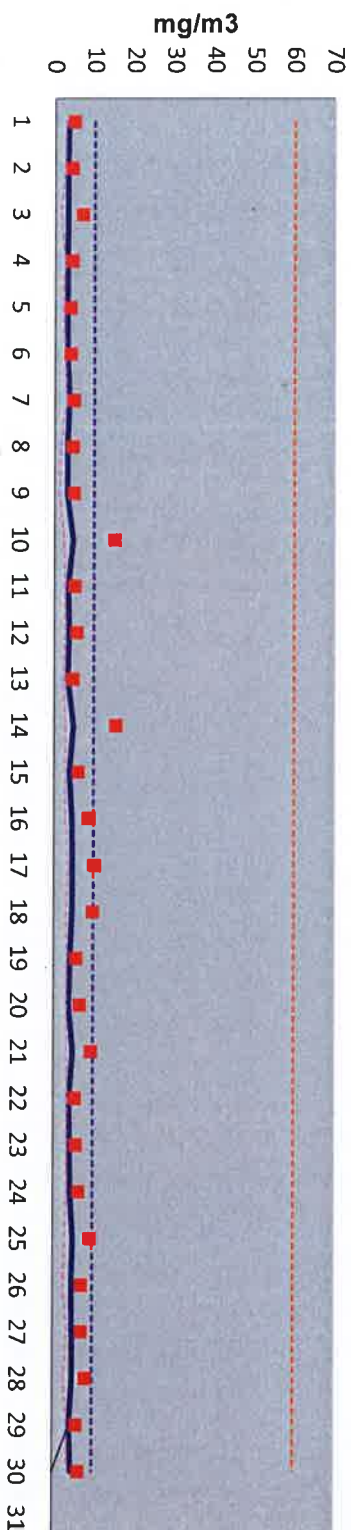
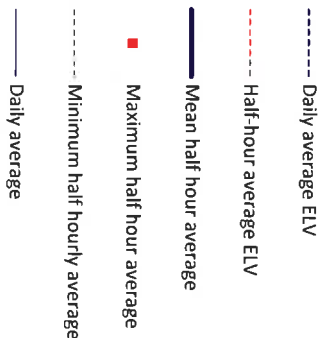
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A3/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride from Emission Point A1 for the month of November 20

Daily and Half Hourly Average Monitoring Data



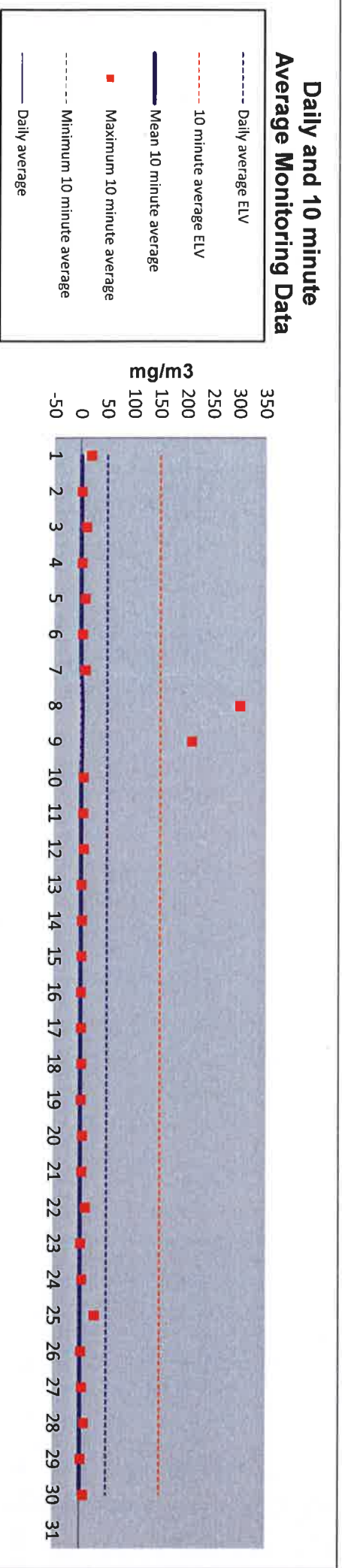
	Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Half-hour average ELV	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60		
Half-hourly average	Monthly maximum	15.5	Maximum half hour average	4.83	4.29	6.99	4.4	3.95	3.98	4.8	4.56	4.92	15.1	5.1	5.67	4.73	15.5	6.12	8.81	10.2	9.85	5.67	6.61	9.43	5.42	5.7	6.38	9.44	7.15	7.16	8.24	5.9	6.44	
	Monthly mean	4.1	Mean half hour average	3.5	3.27	3.29	3.13	3.17	3.23	3.7	3.23	3.2	4.76	3.58	3.82	3.46	4.94	3.96	4.57	4.72	4.64	4.16	3.85	4.92	4.06	4.21	4.38	5.07	4.79	4.92	5.01	4.26	4.71	
	Monthly minimum	1.3	Minimum half hourly average	2.74	2.44	1.53	2.48	1.99	2.67	2.95	1.55	1.33	2.49	2.65	2.68	2.25	2.93	2.85	2.91	3.53	3.12	3.28	3.21	3.32	3.38	3.42	3.38	3.11	2.71	3.61	2.94	3.53	3.69	
	Total invalid results	31.0	No. of invalid results	0	0	0	3	5	0	0	0	1	0	0	0	3	8	1	0	0	0	0	8	0	0	0	0	0	0	0	0	2	0	
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Daily average	Monthly maximum	5.1	Daily average	3.5	3.27	3.29	3.13	3.17	3.23	3.7	3.23	3.2	4.76	3.58	3.82	3.46	4.94	3.96	4.57	4.72	4.64	4.16	3.85	4.92	4.06	4.21	4.38	5.07	4.79	4.92	5.01	4.26	0	
	No. of invalid days	0.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		

Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A5/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of November 2013



	Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Monthly maximum	10 minute average ELV	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	
	Monthly mean	Maximum 10 minute average	19.5	1.88	10.4	2.35	8.15	3.47	8.53	303	210	5.45	4.82	6.12	2.29	2.94	2.3	1.43	1.64	2.79	1.81	4.37	3.58	10.52	1.73	4.2	27.8	2.6	4.34	8.31	2.23	7.23	
	Monthly minimum	Mean 10 minute average	1.18	0.97	0.95	0.44	0.68	0.77	0.85	3.35	2.44	1.3	1.1	0.99	0.97	0.91	1.01	0.68	0.71	0.8	0.76	0.75	0.76	0.88	0.6	0.74	0.98	0.59	0.75	0.82	0.72	0.78	
10 minute average	Total invalid results	Minimum 10 minute average	0.24	0.42	0.29	0.01	0.03	0.27	-0.5	-0	-0.3	0.57	0.35	0.43	0.43	0.48	0.13	0.3	0.25	0.29	0.33	0.2	0.19	0.39	-0.4	0.26	-0.2	0.17	0.39	-0	0.31	0.32	
	Sum of exceedances	No. of invalid results	0	0	0	3	13	0	0	0	0	0	0	0	8	24	3	0	0	0	0	0	23	0	0	0	0	0	0	0	3	0	
		No. of exceedances of ELV	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
Daily average	Monthly maximum	Daily average	1.18	0.97	0.95	0.44	0.68	0.77	0.85	3.35	2.44	1.3	1.1	0.99	0.97	0.91	1.01	0.68	0.71	0	0.76	0.75	0.76	0.88	0.6	0.74	0.98	0.59	0.75	0.82	0.72	0	
	No. of invalid days	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

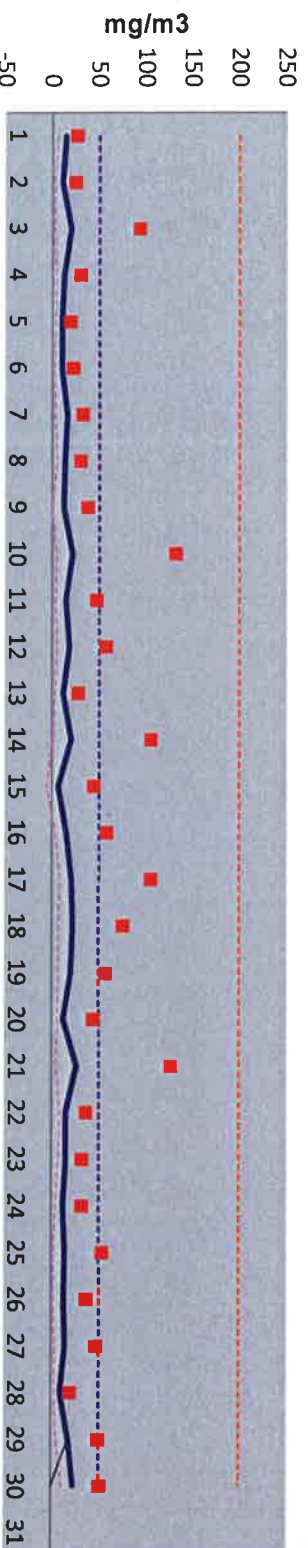
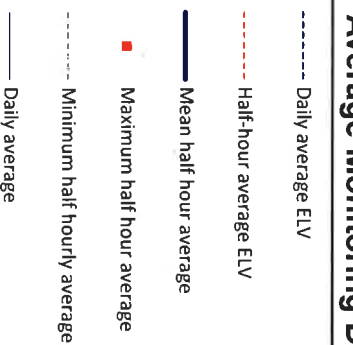
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A6/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide from Emission Point A1 for the month of November 201

Daily and Half Hourly
Average Monitoring Data



Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
	Half-hour average ELV	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200		
Half-hourly average	Monthly maximum	132.0	26.2	24.6	93	30.7	18.9	22.1	32.5	30.1	37.9	132	47.1	57.4	27.8	105	44.4	58.4	105	75.3	57.7	43.7	127	36.4	32	32	53.7	37.5	47.2	19.7	49.4	50.6	
	Monthly mean	15.7	14.9	11.1	20.1	12.6	10.2	10.3	16	13.6	12.5	22	14.7	18.6	11.9	20.7	6.83	15.3	21	22.2	20.2	12.3	26.5	14.9	15.5	12.2	14.5	13.4	14.8	9.65	18.3	23.4	
	Monthly minimum	-5.8	6.15	2.52	1.85	4.25	3.84	2.52	3.02	5.13	0.25	4.51	3.4	5.21	3.17	0.91	-5.8	4.17	8.52	7.14	6.72	6.07	4.87	8.65	7.44	4.48	2.06	1.87	3.24	3.31	5.05	11.2	
	Total invalid results	31.0	No. of invalid results	0	0	0	3	5	0	0	0	1	0	0	0	3	8	1	0	0	0	0	8	0	0	0	0	0	0	0	2	0	
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily average	Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50		
	Monthly maximum	26.5	Daily average	14.9	11.1	20.1	12.6	10.2	10.3	16	13.6	12.5	22	14.7	18.6	11.9	20.7	6.83	15.3	21	22.2	20.2	12.3	26.5	14.9	15.5	12.2	14.5	13.4	14.8	9.65	18.3	0
	No. of invalid days	0.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

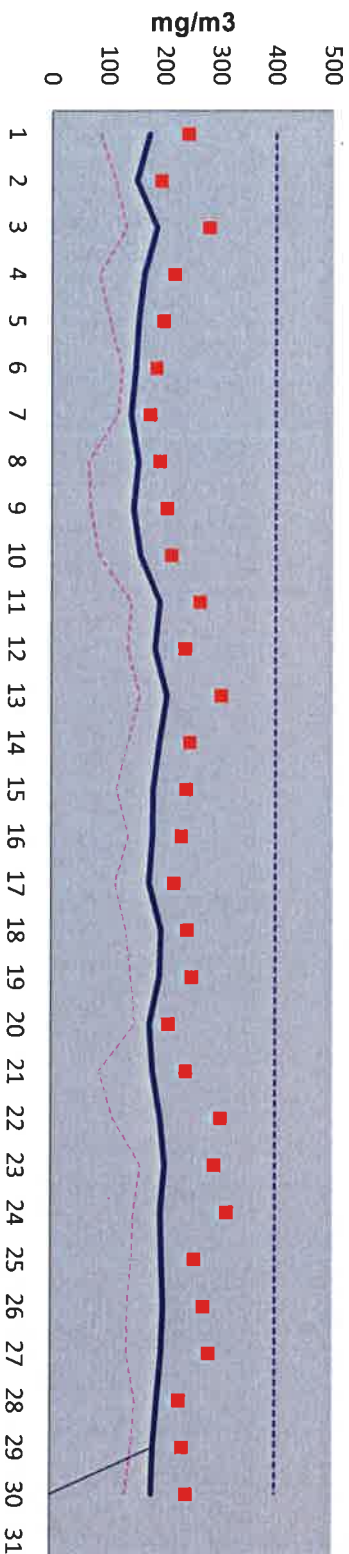
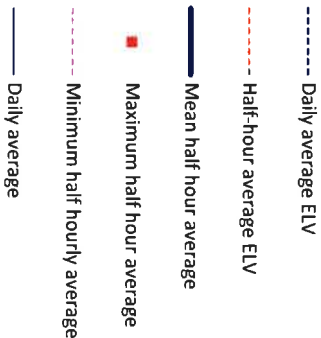
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A7/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen from Emission Point A1 for the month of November 20

Daily and Half Hourly
Average Monitoring Data



	Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Half-hour average ELV																																
Half-hourly average	Monthly maximum	312.2 Maximum half hour average	242	193.81	280	218	199	186	175	192	205	213	264	237	302	246	240	231	218	241	250	208	239	300	290	312	255	271	281	228	234	241		
	Monthly mean	178.9 Mean half hour average	173	151.1	187	164	155	149	141	154	146	158	193	184	205	192	181	180	174	196	193	175	180	194	203	195	197	200	196	189	183	150		
	Monthly minimum	65.6 Minimum half hourly average	85.9	112.44	132	84.2	103	124	118	65.6	69.7	84.1	142	136	157	136	116	137	114	133	141	149	86.3	110	159	147	144	136	136	150	144	133		
	Total invalid results	31.0 No. of invalid results	0	0	0	3	5	0	0	0	0	1	0	0	3	8	1	0	0	0	0	0	8	0	0	0	0	0	0	0	2	0		
	Sum of exceedances	0.0 No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Daily average		Daily average ELV	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
	Monthly maximum	205.4 Daily average	173	151.1	187	164	155	149	141	154	146	158	193	184	205	192	181	180	174	196	193	175	180	194	203	195	197	200	196	189	183	C		
	No. of invalid days	0.0 Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
	Sum of exceedances	0.0 Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

Signed..... Date.....
(authorised to sign as representative of the Operator)