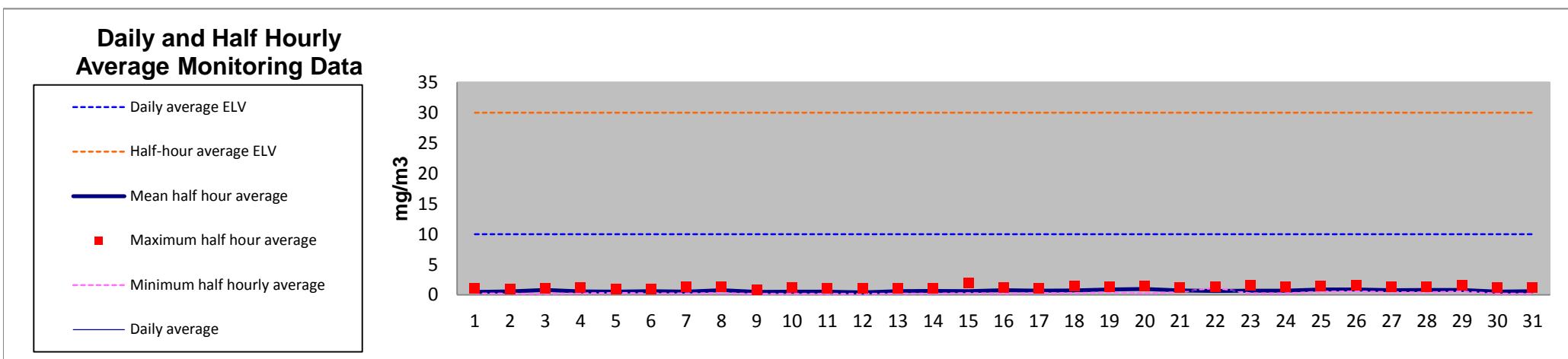


Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 October 2016



	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	31
			Half-hour average ELV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
Half-hourly average	Monthly maximum	1.9	Maximum half hour average	1.06	0.93	1.08	1.18	0.99	0.95	1.35	1.33	0.87	1.18	1.12	1.03	1.07	1.09	1.91	1.18	1.07	1.39	1.27	1.47	1.21	1.29	1.51	1.28	1.49	1.58	1.32	1.33	1.65	1.19	1.25
	Monthly mean	0.7	Mean half hour average	0.49	0.57	0.81	0.58	0.54	0.63	0.53	0.76	0.49	0.55	0.54	0.43	0.61	0.65	0.62	0.77	0.68	0.72	0.9	0.96	0.73	0.66	0.7	0.69	0.91	0.88	0.78	0.81	0.8	0.53	0.62
	Monthly minimum	0.2	Minimum half hourly average	0.27	0.2	0.17	0.27	0.33	0.25	0.26	0.28	0.19	0.19	0.17	0.17	0.2	0.22	0.28	0.21	0.3	0.28	0.42	0.24	0.45	1.17	0.24	0.26	0.52	0.57	0.44	0.43	0.59	0.21	0.22
	Total invalid results	5.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	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	
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	
	Monthly maximum	1.0	Daily average	0.49	0.57		0.58	0.54	0.63	0.53	0.76	0.49	0.55	0.54	0.43	0.61	0.65	0.62	0.77	0.68	0.72	0.9	0.96	0.73	0.66	0.7	0.69	0.91	0.88	0.78	0.81	0.8	0.53	0.62
	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	N	

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

3rd October -shutdown, less than 43 half hr averages for the day

05 October - Stopped loading due to high readings on SO2

06 October - QAL 3

13 October - QAL 3

27 October - Cbiss Maintainance

24-26th CO intermitent issue with CEMS CBISS carried out service 27th

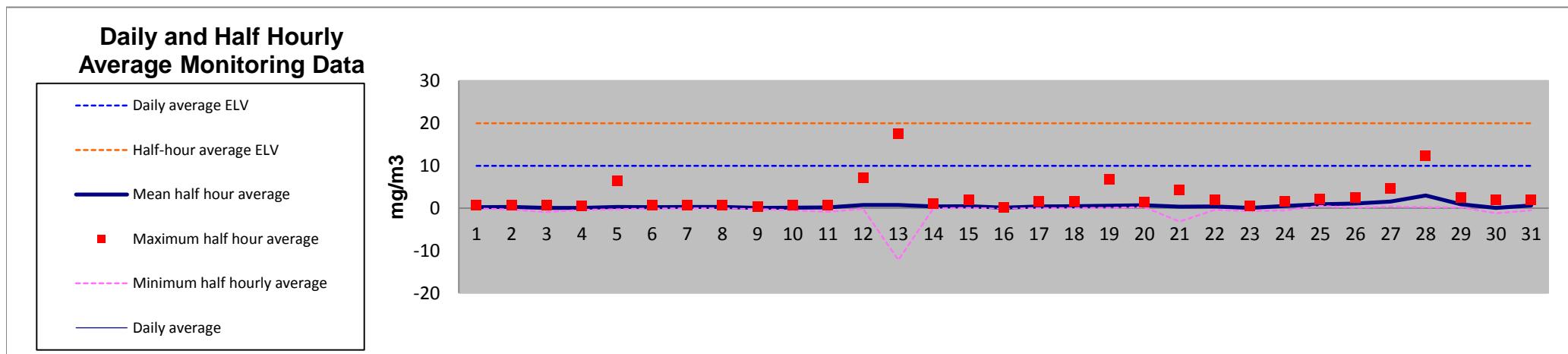
27th CO ONLY Invalid day due to more than 15 invalid 10 minutes averages

0.7

Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National 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 October 2016



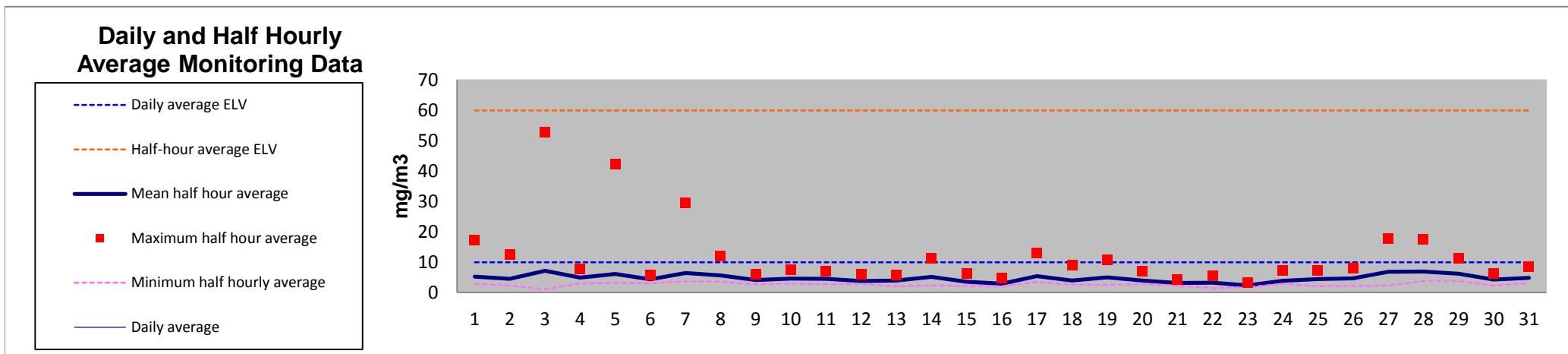
	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Half-hour average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20			
Half-hourly average	Monthly maximum	17.4	Maximum half hour average	0.7	0.78	0.71	0.42	6.46	0.75	0.77	0.79	0.31	0.79	0.79	7.18	17.4	1.09	2	0.22	1.64	1.64	6.74	1.37	4.31	1.92	0.53	1.63	2.02	2.5	4.67	12.2	2.48	1.85	1.91
	Monthly mean	0.5	Mean half hour average	0.23	0.27	0.07	0.05	0.3	0.23	0.28	0.27	0.09	0.14	0.2	0.73	0.78	0.43	0.44	0.13	0.39	0.46	0.58	0.67	0.35	0.39	0.06	0.51	0.95	1.09	1.54	2.97	0.94	0.07	0.62
	Monthly minimum	-12.2	Minimum half hourly average	-0.1	-0.4	-0.9	-0.4	-0.3	-0.1	-0	0	-0.2	-0.5	-0.9	-0.2	-12	-0.1	0.06	0.03	0.03	0.03	0.09	0.21	-3.1	-0.4	-0.7	-0.5	0.51	0.11	0.43	0.23	0.19	-1.2	-0.5
	Total invalid results	6.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	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	
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		
	Monthly maximum	3.0	Daily average	0.23	0.27		0.05	0.3	0.23	0.28	0.27	0.09	0.14	0.2	0.73	0.78	0.43	0.44	0.13	0.39	0.46	0.58	0.67	0.35	0.39	0.06	0.51	0.95	1.09	1.54	2.97	0.94	0.07	0.62
	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		
	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			

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

Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National 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 October 2016



	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	31	
		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			
Half-hourly average	Monthly maximum	52.7	Maximum half hour average	17.2	12.6	52.7	7.81	42.4	5.86	29.5	12.1	6.12	7.52	7.02	6.1	5.83	11.2	6.19	4.78	12.9	8.99	10.8	6.9	4.19	5.62	3.3	7.1	7.25	8.08	17.8	17.4	11.4	6.31	8.52
	Monthly mean	4.7	Mean half hour average	5.27	4.54	7.15	4.93	6.1	4.33	6.47	5.67	4.11	4.62	4.51	3.82	3.98	5.18	3.58	2.93	5.39	3.96	4.99	3.92	3.13	3.27	2.38	3.9	4.4	4.71	6.83	6.9	6.24	4.25	4.87
	Monthly minimum	1.1	Minimum half hourly average	2.87	2.36	1.08	3.04	3.19	3.08	3.72	3.57	2.71	2.88	2.75	2.84	2.02	2.35	2.18	2.05	3.48	2.59	2.49	2.75	2.25	1.44	1.82	2.82	2.12	2.21	2.36	3.79	3.82	2.26	3.05
	Total invalid results	5.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	
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		
	Monthly maximum	6.9	Daily average	5.27	4.54		4.93	6.1	4.33	6.47	5.67	4.11	4.62	4.51	3.82	3.98	5.18	3.58	2.93	5.39	3.96	4.99	3.92	3.13	3.27	2.38	3.9	4.4	4.71	6.83	6.9	6.24	4.25	4.87
	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		
	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)

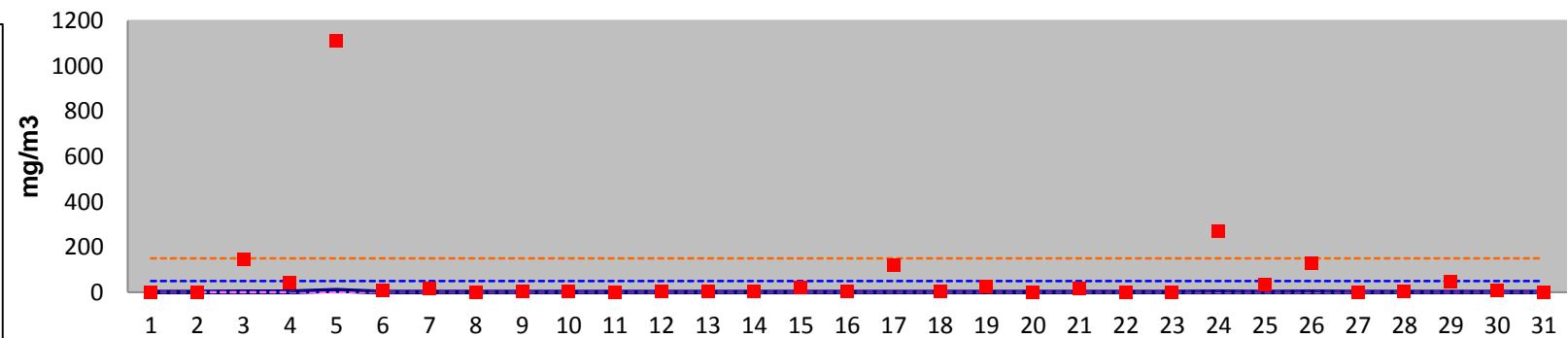
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 October 2016

Daily and 10 minute Average Monitoring Data

- Daily average ELV
- - - - - 10 minute average ELV
- Mean 10 minute average
- Maximum 10 minute average
- - - Minimum 10 minute average
- Daily average



	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	31	
		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			
10 minute average	Monthly maximum	1110.4	Maximum 10 minute average	0	0.13	147	41.3	1110	6.5	16.9	1.1	4.82	3.25	0.64	5.86	2.26	2.42	22.4	3.92	117	2.46	24.8	0.63	16.7	1.26	1.58	271	32.5	127	1.05	4.75	47.63	6.84	1.22
	Monthly mean	0.6	Mean 10 minute average	0	0	1.2	1.23	8.6	0.23	0.17	0.04	0.07	0.08	0.02	0.11	0.04	0.04	0.35	0.08	0.89	0.02	0.43	0.01	0.12	0.02	0.02	2.02	0.41	1.26	0.02	0.19	0.68	0.29	0.09
	Monthly minimum	0.0	Minimum 10 minute average	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	
	Total invalid results	47.0	No. of invalid results	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	8	0	0	0	6	6	6	18	0	0	0
	Sum of exceedances	2.0	No. of exceedances of ELV	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	50	
	Monthly maximum	8.6	Daily average	0	0		1.23	8.6	0.23	0.17	0.04	0.07	0.08	0.02	0.11	0.04	0.04	0.35	0.08	0.89	0.02	0.43	0.01	0.12	0.02	0.02	2.02	0.41	1.26	0.02	0.19	0.68	0.29	0.09
	No. of invalid days	1.0	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	N	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		

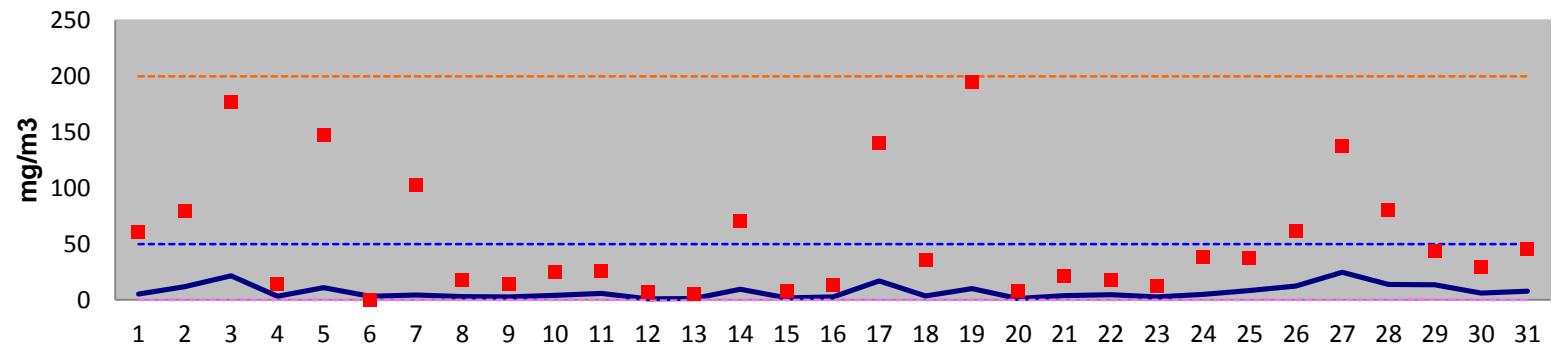
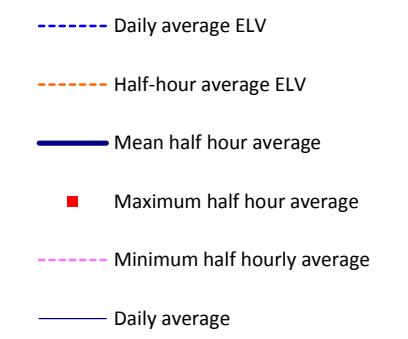
Signed..... Date.....
 (authorised to sign as representative of the Operator)

Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National 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 October 2016

Daily and Half Hourly Average Monitoring Data



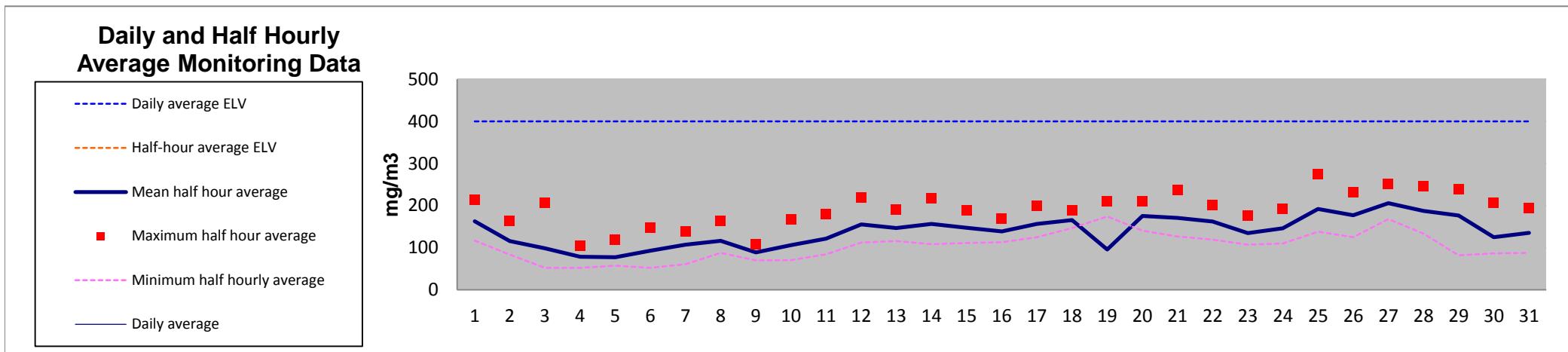
	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
			Half-hour average ELV	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200		
Half-hourly average	Monthly maximum	194.4	Maximum half hour average	60.3	79.7	177	14.1	147	15.44	103	17.4	14.4	24.8	26.1	6.49	5.25	70	7.69	13.1	140	35.3	194	7.74	20.9	17.9	12.1	38.4	37.4	61.6	138	80.5	43.7	29.8	45.9
	Monthly mean	7.3	Mean half hour average	5.34	11.8	21.4	3.26	10.9	3.34	4.46	3.04	2.58	4.1	5.79	1.05	1.35	9.61	1.7	2.68	16.9	3.65	10.1	1.28	3.77	4.55	2.59	4.82	8.38	12.3	24.7	14	13.4	6.22	7.87
	Monthly minimum	0.0	Minimum half hourly average	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	0.29	0	0	
	Total invalid results	5.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	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	
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		
	Monthly maximum	24.7	Daily average	5.34	11.8		3.26	10.9	3.34	4.46	3.04	2.58	4.1	5.79	1.05	1.35	9.61	1.7	2.68	16.9	3.65	10.1	1.28	3.77	4.55	2.59	4.82	8.38	12.3	24.7	14	13.4	6.22	7.87
	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		
	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			

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

Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National 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 October 2016



	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	31	
		Half-hour average ELV																																
Half-hourly average	Monthly maximum	275.1	Maximum half hour average	214	163.06	207	105	119	147	138	164	109	168	180	219	190	216	189	170	200	190	210	209	237	201	176	192	275	232	252	246	238	207	195
	Monthly mean	139.3	Mean half hour average	163	115.85	98.7	78.7	77.3	92.7	107	116	89.1	106	121	155	147	157	147	139	156	166	96.1	176	171	162	135	146	192	177	206	187	176	125	135
	Monthly minimum	52.5	Minimum half hourly average	117	83.86	52.5	52.5	57.3	52.5	60.8	88	70.1	70.7	84.6	112	116	108	112	113	125	147	174	140	127	119	107	110	138	125	168	134	82.3	86.8	87.7
	Total invalid results	5.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	205.5	Daily average	163	115.85		78.7	77.3	92.7	107	116	89.1	106	121	155	147	157	147	139	156	166	96.1	176	171	162	135	146	192	177	206	187	176	125	135
	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		
	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			

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

