

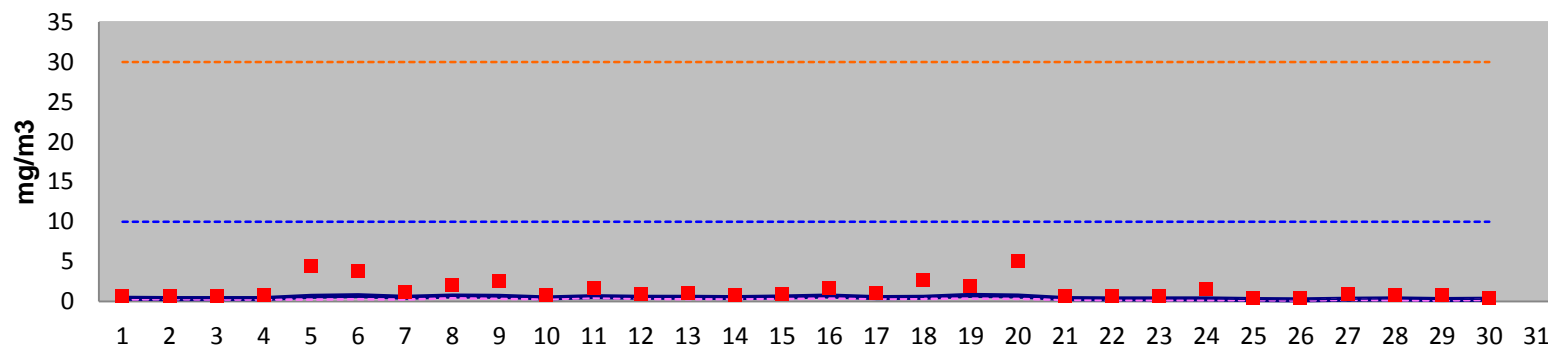
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 June 2017

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly 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	
			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	30	
Half-hourly average	Monthly maximum	5.0	Maximum half hour average	0.66	0.65	0.65	0.78	4.49	3.84	1.24	1.98	2.58	0.84	1.68	0.87	1.02	0.74	0.9	1.71	0.98	2.72	1.89	5.02	0.66	0.71	0.71	1.53	0.38	0.38	0.97	0.75	0.8	0.46	
	Monthly mean	0.5	Mean half hour average	0.42	0.37	0.39	0.39	0.65	0.73	0.54	0.68	0.65	0.46	0.6	0.52	0.53	0.5	0.57	0.68	0.5	0.52	0.77	0.71	0.39	0.34	0.32	0.32	0.26	0.21	0.31	0.32	0.26	0.3	
	Monthly minimum	0.1	Minimum half hourly average	0.26	0.28	0.27	0.26	0.26	0.28	0.27	0.41	0.32	0.29	0.46	0.34	0.31	0.35	0.34	0.38	0.33	0.32	0.39	0.34	0.22	0.18	0.19	0.17	0.16	0.15	0.2	0.16	0.14	0.2	
	Total invalid results	20.0	No. of invalid results	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	8	0	0	2	0	0	0	0	0	4	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	0.7	Daily average	0.42	0.37	0.39	0.39	0.65	0.73	0.54	0.68	0.65	0.46	0.6	0.52	0.53	0.5	0.57	0.68	0.5	0.52		0.71	0.39	0.34	0.32	0.32	0.26	0.21	0.31	0.32	0.26	0.3	
	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	N	N

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

8th June - QAL 3

9th June - Stopped loading (09:29) due primary air fan fault restart at 15.:30

15th June - QAL3

19th June - Wiring fault on ID Fan Inverter resulting in EV opening & High Emissions on HCL & EV opening due to overtemp of ID Fan Inverter

22nd June - QAL 3

26th June- stopped loading to carryout binlift repairs (wheel)

28th June - Stopped loading Electrical fault in control room

Ref No's 1703212 & 1703242

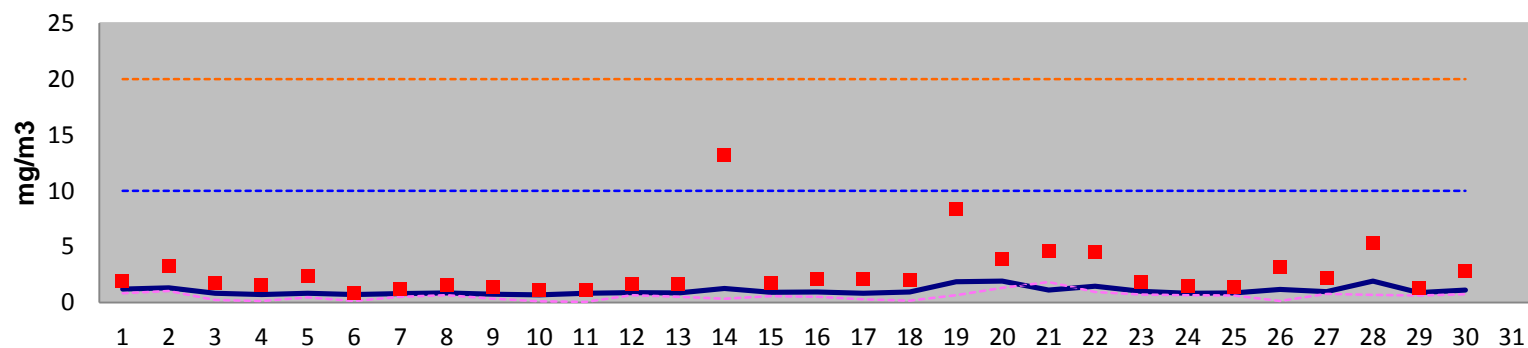
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 June 2017

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly 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	
			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	
Half-hourly average	Monthly maximum	13.2	Maximum half hour average	1.93	3.25	1.73	1.61	2.36	0.88	1.18	1.54	1.41	1.11	1.12	1.62	1.62	13.2	1.77	2.08	2.14	2.03	8.34	3.9	4.64	4.51	1.87	1.48	1.36	3.19	2.19	5.29	1.34	2.83	
	Monthly mean	1.1	Mean half hour average	1.2	1.33	0.85	0.72	0.84	0.72	0.8	0.87	0.76	0.71	0.85	0.91	0.87	1.26	0.94	0.96	0.85	0.95	1.87	1.93	1.13	1.46	1.02	0.85	0.88	1.17	0.98	1.92	0.91	1.12	
	Monthly minimum	0.1	Minimum half hourly average	0.85	1.03	0.25	0.15	0.48	0.15	0.53	0.68	0.35	0.13	0.07	0.67	0.52	0.35	0.57	0.53	0.3	0.19	0.67	1.34	1.83	0.95	0.73	0.68	0.63	0.15	0.77	0.7	0.65	0.75	
	Total invalid results	20.0	No. of invalid results	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	8	0	0	2	0	0	0	0	0	4	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	1.9	Daily average	1.2	1.33	0.85	0.72	0.84	0.72	0.8	0.87	0.76	0.71	0.85	0.91	0.87	1.26	0.94	0.96	0.85	0.95		1.93	1.13	1.46	1.02	0.85	0.88	1.17	0.98	1.92	0.91	1.12	
	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	N	

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

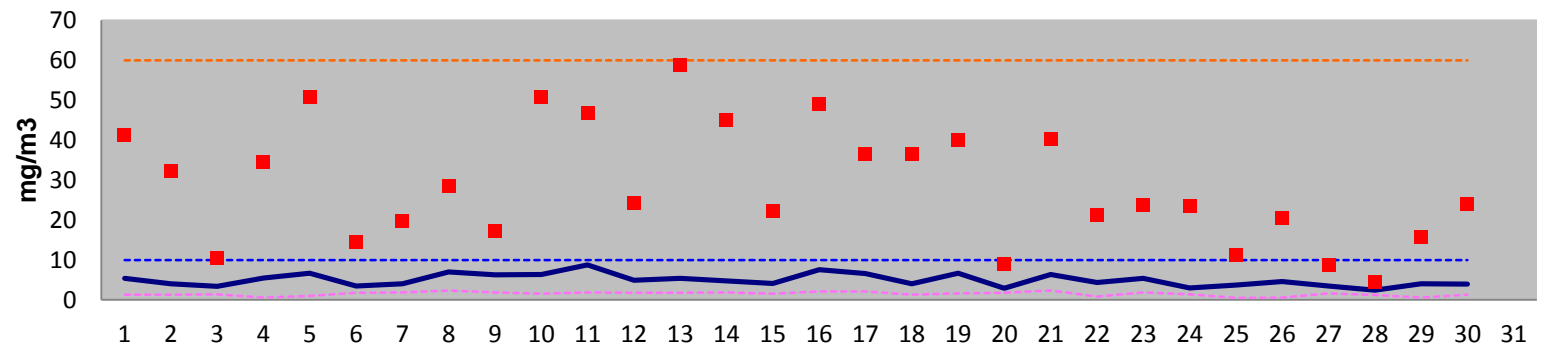
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 June 2017

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly 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	
			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	58.9	Maximum half hour average	41.3	32.2	10.6	34.4	50.9	14.5	19.7	28.6	17.3	50.9	46.7	24.3	58.9	45	22.3	49	36.6	36.5	39.9	9.02	40.1	21.2	23.8	23.4	11.3	20.3	8.75	4.43	15.8	23.9	
	Monthly mean	5.0	Mean half hour average	5.41	4.06	3.37	5.45	6.72	3.48	4.07	6.97	6.28	6.4	8.79	4.88	5.42	4.76	4.1	7.53	6.57	4.01	6.66	2.9	6.4	4.39	5.42	3.01	3.69	4.57	3.51	2.44	4.07	3.97	
	Monthly minimum	0.5	Minimum half hourly average	1.32	1.31	1.37	0.56	0.97	1.82	1.85	2.33	1.91	1.58	1.89	1.81	1.8	1.85	1.53	2.08	2.08	1.33	1.63	1.8	2.37	0.82	1.88	1.41	0.51	0.55	1.67	1.19	0.6	1.29	
	Total invalid results	20.0	No. of invalid results	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	8	0	0	2	0	0	0	0	0	4	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	8.8	Daily average	5.41	4.06	3.37	5.45	6.72	3.48	4.07	6.97	6.28	6.4	8.79	4.88	5.42	4.76	4.1	7.53	6.57	4.01		2.9	6.4	4.39	5.42	3.01	3.69	4.57	3.51	2.44	4.07	3.97	
	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	N	

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

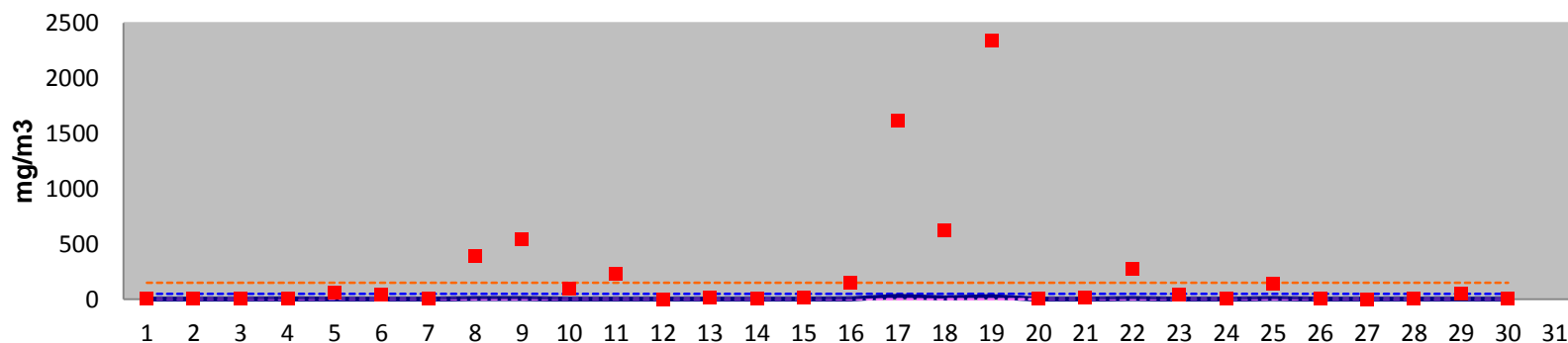
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 June 2017

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	
			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	
10 minute average	Monthly maximum	2341.7	Maximum 10 minute average	2.07	7.2	4.25	6.03	57	41.2	1.38	388	542	96.1	226	0.7	10.2	1.26	9.97	151.3	1614	625	2342	1.64	11.2	276.29	42.3	6.72	141	2.59	0.53	3.81	47.27	2.51	
	Monthly mean	3.4	Mean 10 minute average	0.08	0.08	0.08	4.17	1.24	0.41	0.04	5.28	5.53	1.33	1.68	0.01	0.09	0.07	0.12	2.44	26	11.5	24.7	0.1	0.36	7.07	0.31	0.07	8.05	0.06	0.01	0.04	1.88	0.05	
	Monthly minimum	0.0	Minimum 10 minute average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total invalid results	28.0	No. of invalid results	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	24	0	0	2	0	0	0	0	0	0	0	0	
	Sum of exceedances	8.0	No. of exceedances of ELV	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0	0	0	0	0	0	0	0	
Daily average				Daily average ELV																														
	Monthly maximum	26.0	Daily average	0.08	0.08	0.08	4.17	1.24	0.41	0.04	5.28	5.53	1.33	1.68	0.01	0.09	0.07	0.12	2.44	26	11.5		0.1	0.36	7.07	0.31	0.07	8.05	0.06	0.01	0.04	1.88	0.05	
	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	N	

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

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Permit Reference no: WP3836ZF

Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

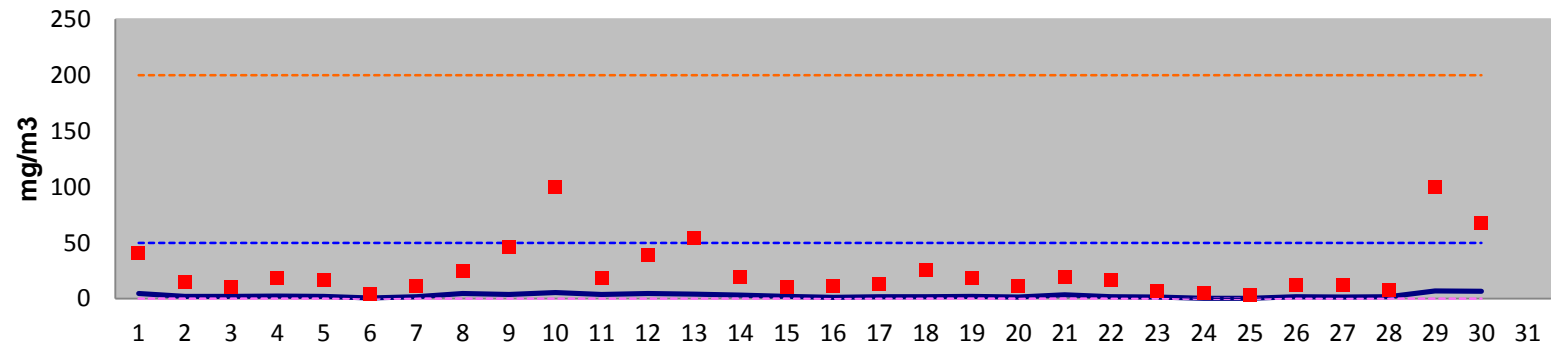
Variation Reference Number: EPR/MP3239FQ/V002

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 June 2017

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly 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	
			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	100.2	Maximum half hour average	41.3	15	10.3	18.7	16.3	4.07	11.2	25	46.2	99.7	18.8	39	54.2	19.2	10.3	11.3	13.2	25.1	18.7	11.5	19.5	16.5	7.12	5.4	3.3	12.6	12.2	8.07	100	67.5	
	Monthly mean	2.7	Mean half hour average	4.72	2.03	2.1	2.46	1.99	0.62	1.8	4.62	3.86	5.43	3.9	4.67	4.05	3.16	1.96	1.38	1.8	1.94	2.08	1.48	3.4	1.86	1.4	0.42	0.5	1.72	1.5	1.78	6.98	6.8	
	Monthly minimum	0.0	Minimum half hourly average	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0.01	
	Total invalid results	17.0	No. of invalid results	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	8	0	0	2	0	0	0	0	0	4	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	50	
	Monthly maximum	7.0	Daily average	4.72	2.03	2.1	2.46	1.99	0.62	1.8	4.62	3.86	5.43	3.9	4.67	4.05	3.16	1.96	1.38	1.8	1.94		1.48	3.4	1.86	1.4	0.42	0.5	1.72	1.5	1.78	6.98	6.8	
	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	N	N

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

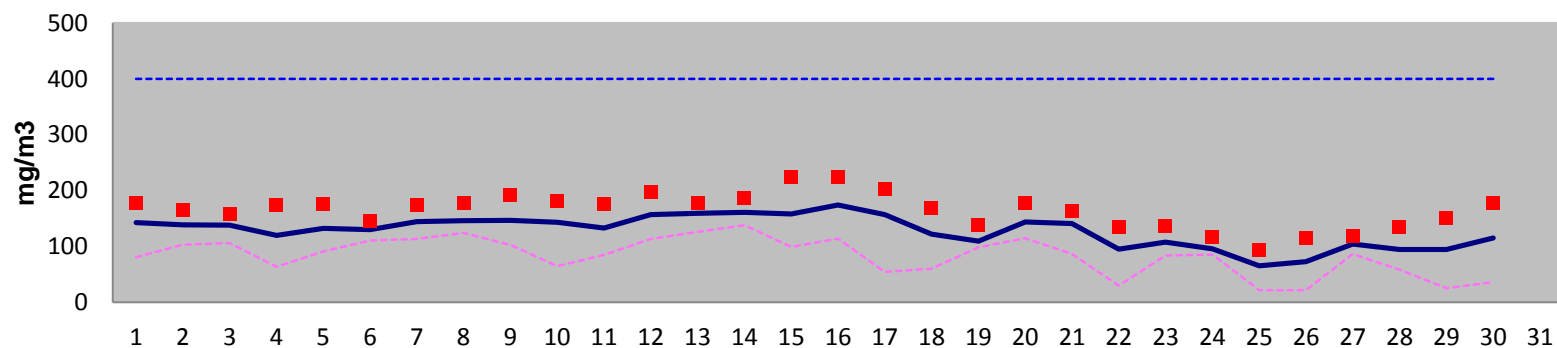
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 June 2017

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly 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	
			Half-hour average ELV																															
Half-hourly average	Monthly maximum	225.0	Maximum half hour average	178	165.26	158	174	176	146	175	177	192	181	176	198	178	187	224	225	203	168	139	177	163	134	137	117	93	115	119	134	151	177	
	Monthly mean	128.2	Mean half hour average	143	138.94	138	120	132	130	145	146	147	144	133	157	159	161	158	174	157	122	110	144	141	95.2	108	95.6	65.4	72.9	105	94.9	94.5	115	
	Monthly minimum	21.8	Minimum half hourly average	80.8	103.18	106	63.6	91.2	110	113	124	103	65.1	84.9	114	126	138	99.2	114	54.7	60.5	98.7	115	86.6	30	83.7	85.5	21.8	22.1	86.4	58.9	25.3	36.5	
	Total invalid results	17.0	No. of invalid results	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	8	0	0	2	0	0	0	0	0	4	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	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	174.2	Daily average	143	138.94	138	120	132	130	145	146	147	144	133	157	159	161	158	174	157	122		144	141	95.2	108	95.6	65.4	72.9	105	94.9	94.5	115	
	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	N	N

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

