

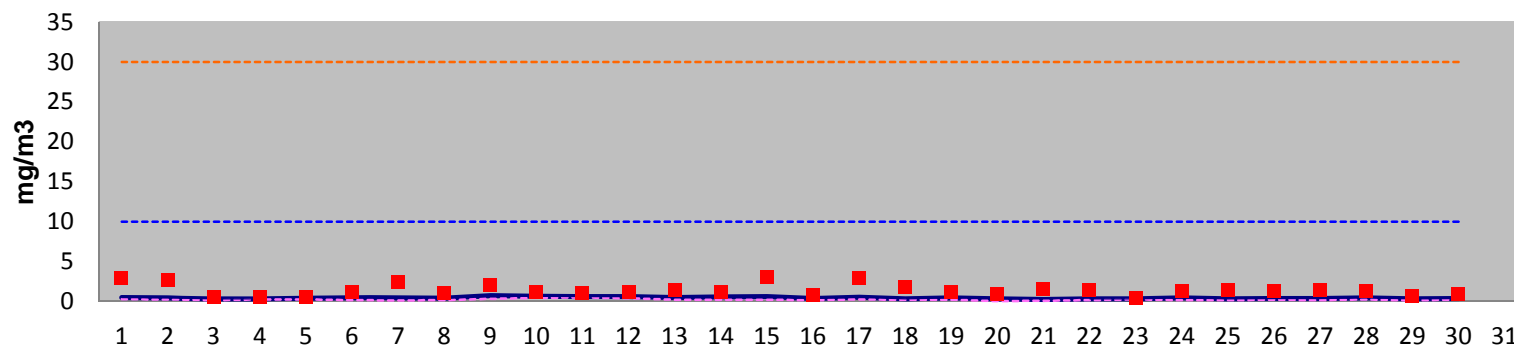
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 2016

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	3.1	Maximum half hour average	2.9	2.67	0.57	0.6	0.56	1.11	2.42	1.02	2.09	1.14	1.09	1.13	1.41	1.13	3.09	0.82	2.96	1.85	1.18	0.94	1.6	1.4	0.43	1.26	1.47	1.27	1.43	1.3	0.62	0.86	
	Monthly mean	0.4	Mean half hour average	0.49	0.44	0.34	0.33	0.36	0.51	0.46	0.43	0.74	0.67	0.62	0.63	0.49	0.58	0.61	0.37	0.53	0.32	0.44	0.35	0.24	0.35	0.35	0.44	0.34	0.37	0.39	0.44	0.34	0.38	
	Monthly minimum	0.0	Minimum half hourly average	0.31	0.25	0.18	0.25	0.24	0.19	0.15	0.19	0.33	0.44	0.48	0.42	0.23	0.22	0.2	0.16	0.25	0.2	0.21	0.04	0.1	0.17	0.26	0.18	0.17	0.22	0.19	0.24	0.15	0.24	
	Total invalid results	12.0	No. of invalid results	0	2	0	4	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	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	0.7	Daily average	0.49	0.44	0.34	0.33				0.43	0.74	0.67	0.62	0.63		0.58	0.61	0.37	0.53	0.32	0.44			0.35	0.35	0.44	0.34	0.37	0.39	0.44	0.34	0.38	
	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	
	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)

02nd June - QAL 3
04th June - CEMS equipment failure
05th June- CEMS equipment failure
06th June - CEMS equipment fault, CEMS Engineer on site.
07th June - Power Cut on the Wrexham industrial estate. ERV open
08th June QAL3
13th June - CEMS Engineer changing probe in the stack
14th June- ERV opened
16th June- CEMS Engineer carrying out checks & QAL 3
20th June- Shut down to replace Id fan inverter
21st June - CEMS equipment fault & repair. Part C notified to NRW for abnormal Operation
23rd June QAL 3
22nd June - VOC fault Engineer fixing
28th June - VOC temp fault.

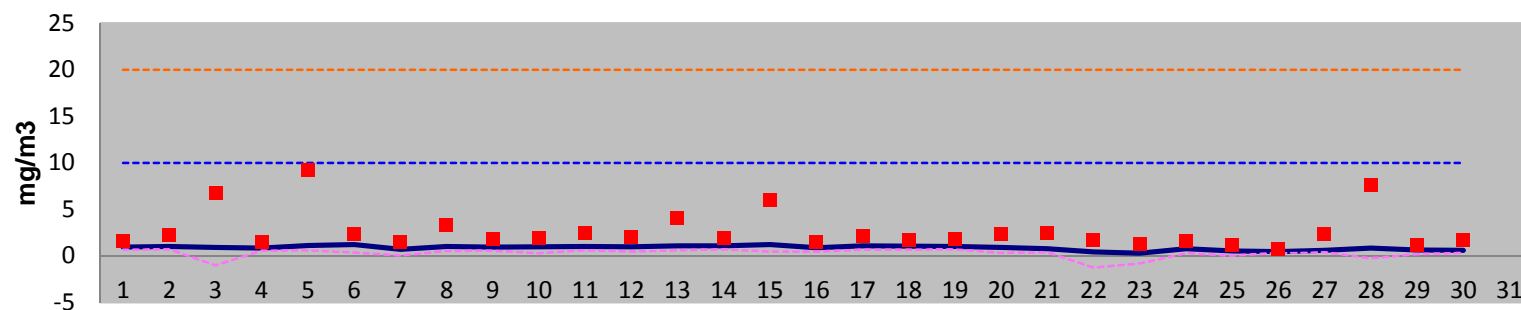
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 2016

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	9.3	Maximum half hour average	1.61	2.29	6.73	1.47	9.26	2.37	1.45	3.26	1.82	1.92	2.5	2.05	4.08	1.89	6	1.54	2.14	1.67	1.82	2.31	2.48	1.68	1.31	1.57	1.19	0.75	2.35	7.6	1.23	1.7	
	Monthly mean	0.9	Mean half hour average	0.94	1.04	0.91	0.87	1.13	1.24	0.73	1.03	0.97	1	1.03	0.98	1.11	1.09	1.24	0.9	1.11	1.06	1.04	0.93	0.79	0.44	0.29	0.77	0.53	0.46	0.62	0.85	0.65	0.62	
	Monthly minimum	-1.2	Minimum half hourly average	0.69	0.71	-1	0.58	0.61	0.37	0.07	0.54	0.57	0.3	0.62	0.49	0.6	0.7	0.49	0.49	0.69	0.69	0.72	0.33	0.4	-1.2	-0.8	0.29	0.04	0.35	0.4	-0.3	0.2	0.35	
	Total invalid results	15.0	No. of invalid results	0	2	0	4	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	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	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	1.2	Daily average	0.94	1.04	0.91	0.87				1.03	0.97	1	1.03	0.98		1.09	1.24	0.9	1.11	1.06	1.04			0.44	0.29	0.77	0.53	0.46	0.62	0.85	0.65	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	
	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)

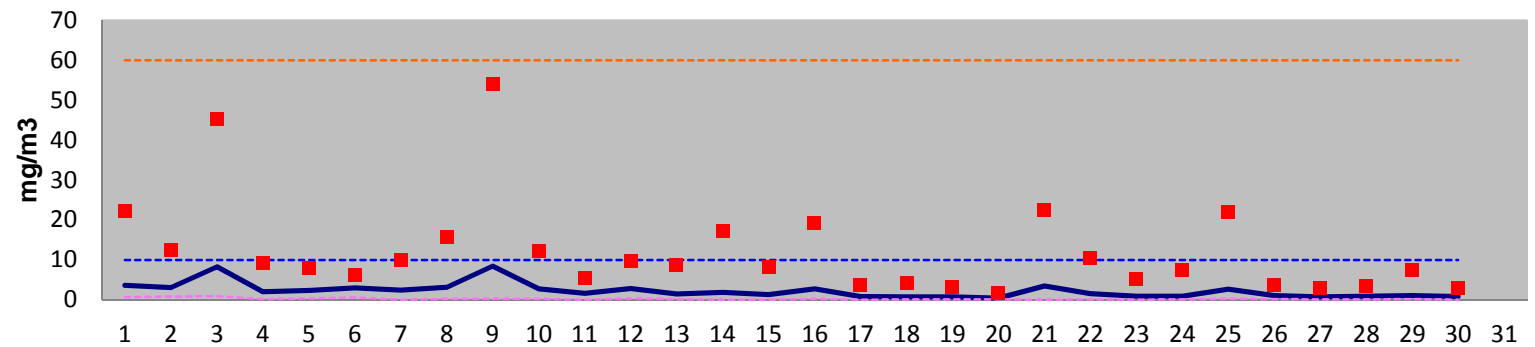
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / 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 2016

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	54.0	Maximum half hour average	22.1	12.5	45.2	9.15	7.87	6.19	9.91	15.8	54	12.3	5.43	9.57	8.56	17.3	8.05	19.2	3.76	4.15	3.09	1.71	22.6	10.5	5.09	7.5	22	3.79	3.04	3.41	7.38	3.04	
	Monthly mean	2.3	Mean half hour average	3.61	3.04	8.27	2.04	2.32	2.97	2.41	3.15	8.43	2.73	1.65	2.8	1.46	1.88	1.3	2.77	0.83	0.77	0.72	0.46	3.5	1.54	0.87	0.92	2.64	1.03	0.77	0.89	1.06	0.84	
	Monthly minimum	0.0	Minimum half hourly average	0.65	0.83	0.94	0.19	0.35	0.62	0.04	0.23	0.28	0.28	0.06	0.33	0.2	0.04	0.05	0.23	0.06	0.07	0.08	0.12	0.02	0.08	0.06	0.11	0.28	0.19	0.1	0.13	0.18	0.02	
	Total invalid results	12.0	No. of invalid results	0	2	0	4	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	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	8.4	Daily average	3.61	3.04	8.27	2.04				3.15	8.43	2.73	1.65	2.8		1.88	1.3	2.77	0.83	0.77	0.72			1.54	0.87	0.92	2.64	1.03	0.77	0.89	1.06	0.84	
	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	
	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

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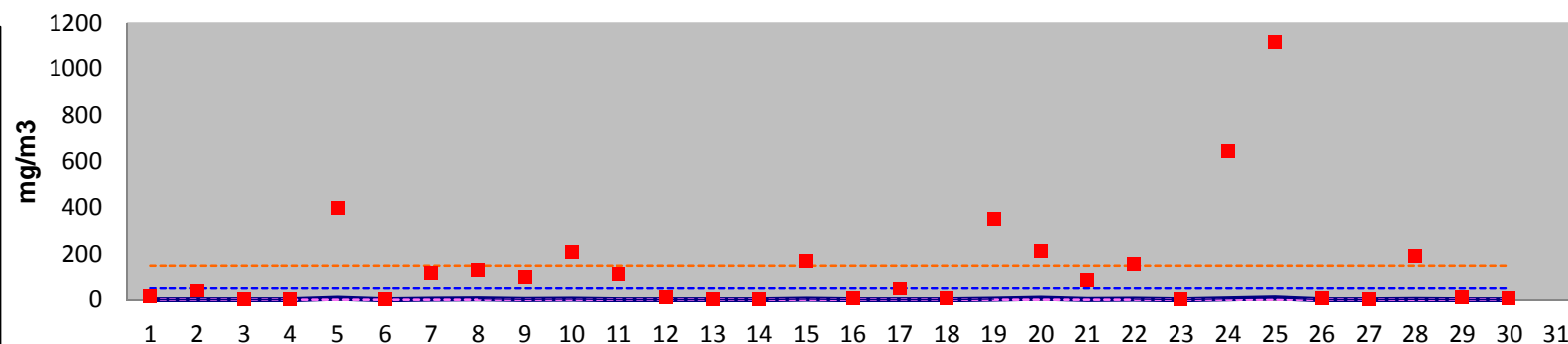
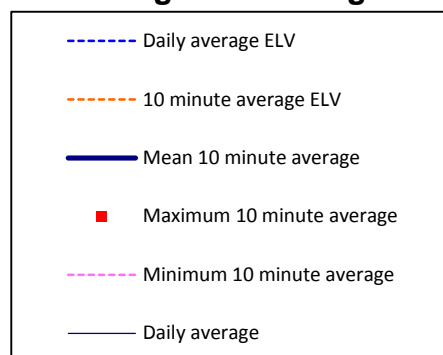
Signed..... Date.....
 (authorised to sign as representative of the Operator)

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 2016

Daily and 10 minute 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	
			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	1117.7	Maximum 10 minute average	16.4	42.9	4.51	4.24	395	0.7	117	131	102	208	113	9.3	1.73	3.18	172	8.56	50.3	6.17	349	214	89.8	158.29	1.05	649	1118	5.38	0.6	189	11.29	6.86	
	Monthly mean	1.9	Mean 10 minute average	0.13	0.31	0.06	0.05	7.51	0.02	2.79	4.29	1.35	2.85	0.94	0.08	0.03	0.07	3.29	0.25	0.77	0.18	3.46	7.99	2.47	3.04	0.01	4.92	8.19	0.09	0.01	1.38	0.11	0.06	
	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	16.0	No. of invalid results	0	3	0	6	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	
	Sum of exceedances	11.0	No. of exceedances of ELV	0	0	0	0	3	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	0	1	0	1	1	0	0	1	0	0	
Daily average				Daily average ELV																														
	Monthly maximum	8.2	Daily average	0.13	0.31	0.06	0.05				4.29	1.35	2.85	0.94	0.08	0.03	0.07	3.29	0.25	0.77	0.18	3.46			3.04	0.01	4.92	8.19	0.09	0.01	1.38	0.11	0.06	
	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	
	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)

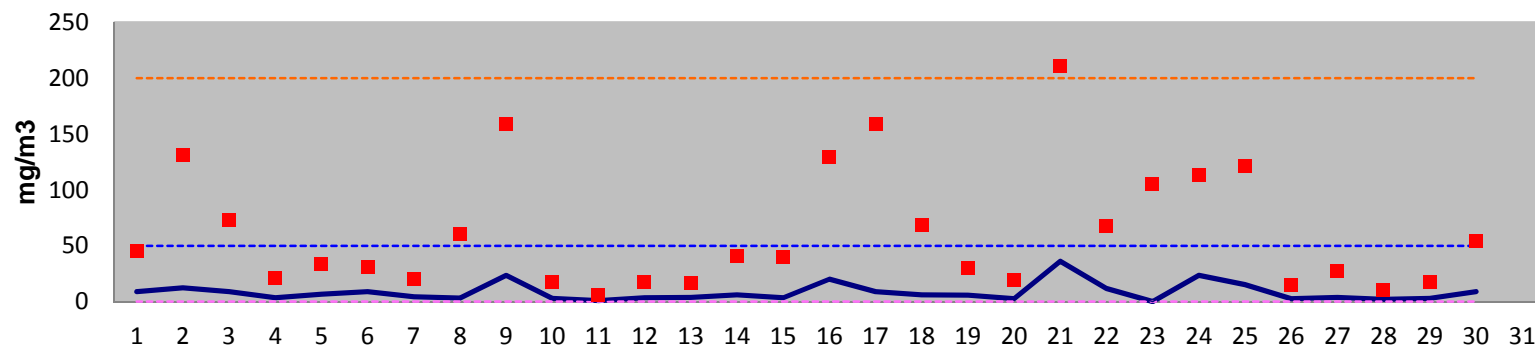
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / 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 2016

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	210.9	Maximum half hour average	45.1	131	72.9	21.1	33.1	30.5	20.1	60	159	17.1	6.24	17.6	16.7	40.3	39.6	129	159	68	30.2	19	211	67.5	105	113	121	14.6	27.5	9.89	17.7	54.5	
	Monthly mean	8.7	Mean half hour average	9.05	12.5	8.98	3.5	6.62	8.92	4.25	3.28	23.7	3	0.86	3.48	3.91	6.11	3.46	20.3	8.97	6.1	5.71	2.79	36.2	11.9	20.11	23.5	15.2	2.71	3.87	1.97	3.08	8.93	
	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	0.21	0	0	0	0	0	0	0	
	Total invalid results	12.0	No. of invalid results	0	2	0	4	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	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	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	23.7	Daily average	9.05	12.5	8.98	3.5				3.28	23.7	3	0.86	3.48		6.11	3.46	20.3	8.97	6.1	5.71			11.9	20.11	23.5	15.2	2.71	3.87	1.97	3.08	8.93	
	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	
	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)

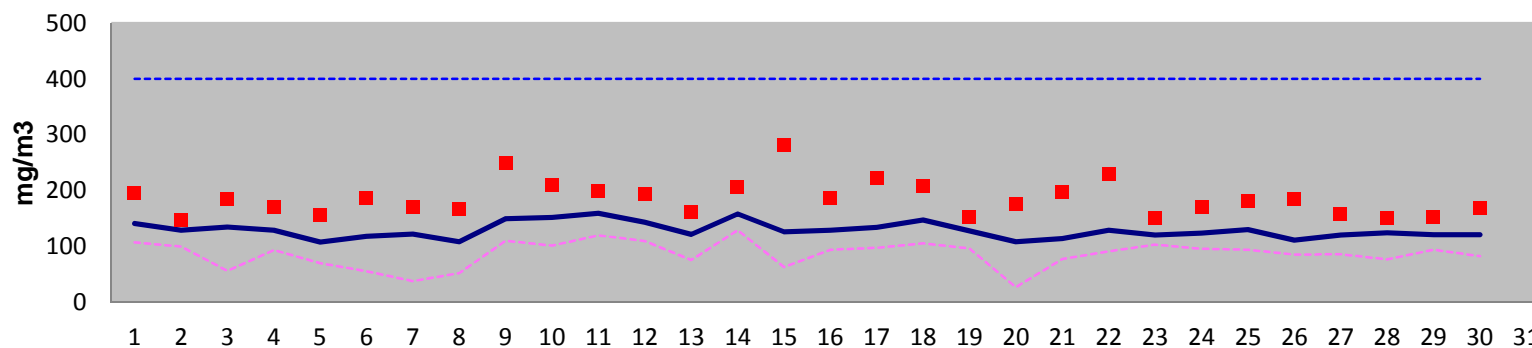
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / 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 2016

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	281.4	Maximum half hour average	195	147.88	185	171	157	187	171	167	248	209	198	193	161	206	281	186	223	208	152	176	198	230	151	170	180	184	158	151	153	168	
	Monthly mean	128.8	Mean half hour average	141	129	135	129	108	118	122	108	149	152	159	144	121	158	126	129	134	147	128	109	114	129	121	124	130	111	121	124	121	121	
	Monthly minimum	26.9	Minimum half hourly average	107	99.78	56.1	93.5	70	55.8	37.9	52.1	110	102	120	109	76	129	63	94.1	97.7	106	96.3	26.9	77.7	91.4	104	96.1	94.1	85.5	86	77.2	94.4	82.7	
	Total invalid results	12.0	No. of invalid results	0	2	0	4	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	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	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	159.2	Daily average	141	129	135	129				108	149	152	159	144		158	126	129	134	147	128			129	121	124	130	111	121	124	121	121	
	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	
	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)