

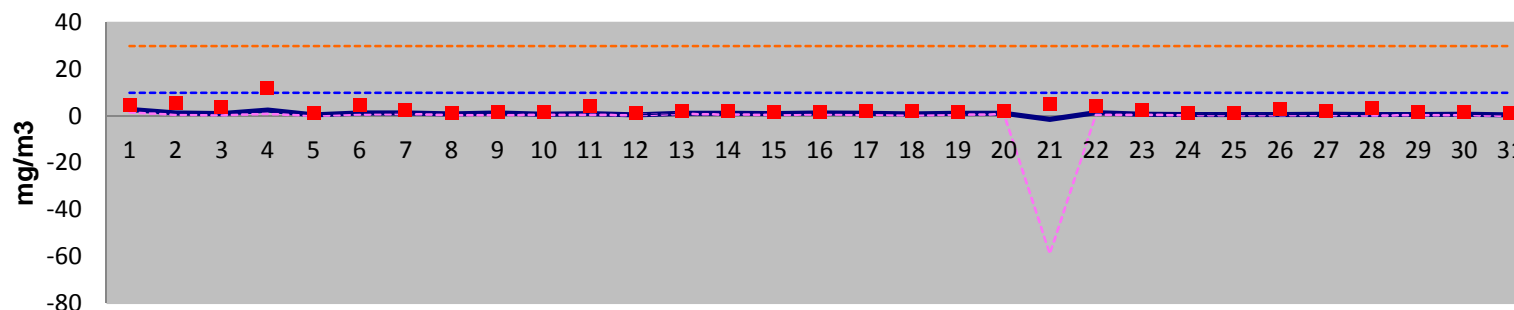
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 May 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	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	30	30
Half-hourly average	Monthly maximum	12.0	Maximum half hour average	4.69	5.44	3.93	12	1.34	4.58	2.37	1.47	1.58	1.85	4.43	1.11	2.07	2.11	1.65	1.84	2.29	2.04	1.54	2.12	5.04	4.43	2.66	1.21	1.17	3.02	1.93	3.34	1.74	1.86	1.38
	Monthly mean	1.0	Mean half hour average	2.79	1.31	1.06	2.55	0.53	1.32	1.37	0.98	1.28	0.73	1.03	0.53	1.23	1.26	1.07	1.28	1.23	0.9	1.15	1.25	-1.4	1.48	0.81	0.67	0.72	0.7	0.73	0.61	0.68	0.82	0.45
	Monthly minimum	-58.9	Minimum half hourly average	1.62	0.53	0.4	0.97	0.15	0.62	0.87	0.39	0.38	0.51	0.52	0.32	0.86	0.68	0.58	0.72	0.58	0.39	0.56	0.74	-59	0.5	0.48	0.36	0.44	0.35	0.4	0.29	0.37	0.39	0.14
	Total invalid results	8.0	No. of invalid results	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	1	2
	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	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	10
	Monthly maximum	2.8	Daily average	2.79	1.31	1.06	2.55	0.53	1.32	1.37			0.73		0.53	1.23		1.07	1.28	1.23	0.9	1.15					0.67	0.72	0.7	0.73	0.61		0.82	0.45
	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
	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)

02th May - Reconfiguring computer  
08th May Boiler Recirc failure resulting in ERV Opening  
09th May - Boiler Recirc repair .  
11th May - Boiler Recirc Major overhaul  
14th May - CEMs Sample Pump failure  
17th May - CEMs power fault , and service provider Engineer on site.  
18th May - CEMs power fault , and service provider Engineer on site.  
19th May - QAL 3 & CEMs power fault  
20th - 22nd May CEMs electrical fault , service provider engineer on site all weekend.  
23rd May CEMs electrical fault, service provider engineer on site fixing fault  
26th May - QAL 3 & CEMs electrical fault  
27th May - CEMs electrical fault  
29th May - elevated HCl & CEMs equipment failure  
30th May - CEMs equipment failure, recalibration.  
31st May- CEMs service

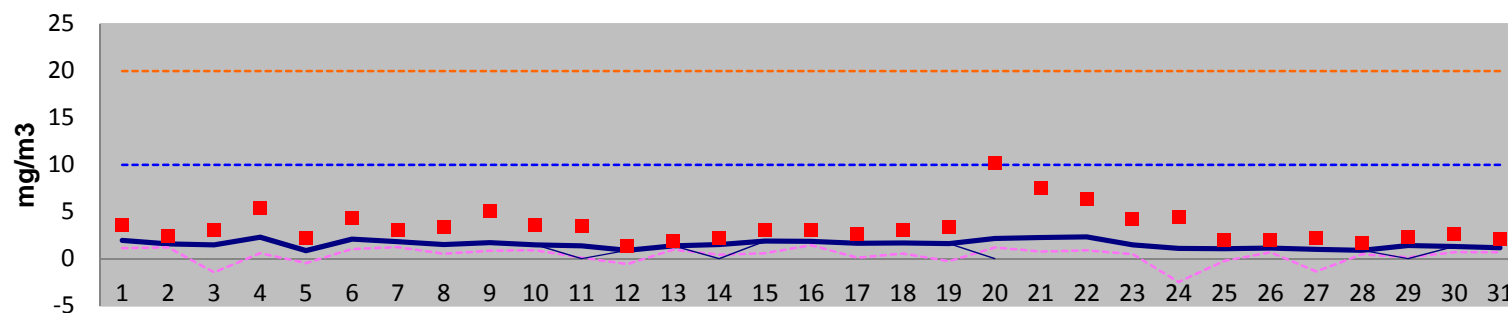
Permit Reference no: WP3836ZF  
Operator: Tradebe Healthcare National Limited  
Installation: Wrexham Clinical Waste Incinerator

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 May 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	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	20	20
Half-hourly average	Monthly maximum	10.2	Maximum half hour average	3.59	2.42	3.09	5.33	2.21	4.33	3.11	3.35	5.02	3.55	3.47	1.34	1.89	2.24	3.07	3.09	2.63	2.99	3.4	10.2	7.51	6.3	4.19	4.39	1.95	2	2.19	1.64	2.31	2.59	2.07
	Monthly mean	1.5	Mean half hour average	1.96	1.58	1.47	2.3	0.86	2.09	1.82	1.52	1.71	1.46	1.37	0.89	1.38	1.51	1.88	1.86	1.65	1.67	1.61	2.14	2.27	2.33	1.46	1.1	1.05	1.14	1	0.91	1.39	1.3	1.17
	Monthly minimum	-2.5	Minimum half hourly average	1.15	1.19	-1.5	0.6	-0.5	1.03	1.25	0.52	0.86	0.9	0.11	-0.6	0.97	0.43	0.58	1.43	0.1	0.55	-0.3	1.19	0.77	0.88	0.47	-2.5	-0.2	0.7	-1.4	0.49	0.15	0.69	0.68
	Total invalid results	8.0	No. of invalid results	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	1	2
	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	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	10
	Monthly maximum	2.3	Daily average	1.96	1.58	1.47	2.3	0.86	2.09	1.82			1.46		0.89	1.38		1.88	1.86	1.65	1.67	1.61					1.1	1.05	1.14	1	0.91		1.3	1.17
	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
	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

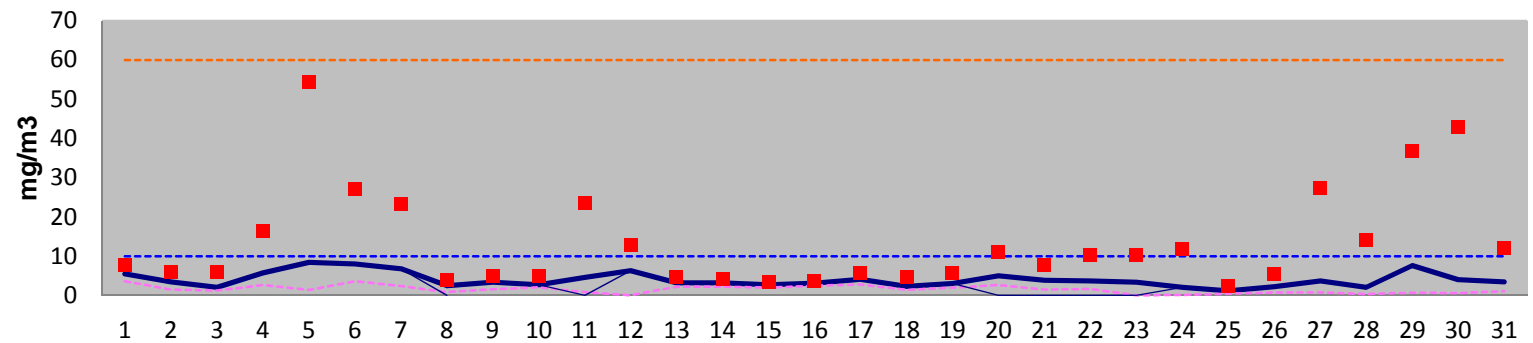
Variation Reference Number: EPR/MP3239FQ/V002

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 May 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	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	60	60
Half-hourly average	Monthly maximum	54.2	Maximum half hour average	7.73	5.92	5.95	16.4	54.2	27.2	23.2	3.81	4.8	4.93	23.7	12.9	4.52	4.24	3.4	3.71	5.66	4.75	5.65	11	7.61	10.2	10.2	11.8	2.31	5.37	27.4	14.1	36.8	42.9	12
	Monthly mean	4.0	Mean half hour average	5.48	3.41	2.1	5.71	8.43	8.02	6.78	2.48	3.34	2.7	4.56	6.29	3.19	3.17	2.7	3.15	4.08	2.28	3.03	4.97	3.85	3.72	3.38	2.09	1.15	2.19	3.67	2.09	7.61	4.03	3.46
	Monthly minimum	0.0	Minimum half hourly average	3.62	1.5	1.28	2.66	1.38	3.6	2.4	0.82	1.6	2.06	0.86	0	2.25	2.2	2	2.47	2.77	1.42	1.95	2.64	1.48	1.63	0.02	0.14	0.41	0.77	0.73	0.38	0.69	0.63	1.08
	Total invalid results	8.0	No. of invalid results	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	1	2
	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	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	10
	Monthly maximum	8.4	Daily average	5.48	3.41	2.1	5.71	8.43	8.02	6.78			2.7		6.29	3.19	3.17	2.7	3.15	4.08	2.28	3.03					2.09	1.15	2.19	3.67	2.09		4.03	3.46
	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
	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)

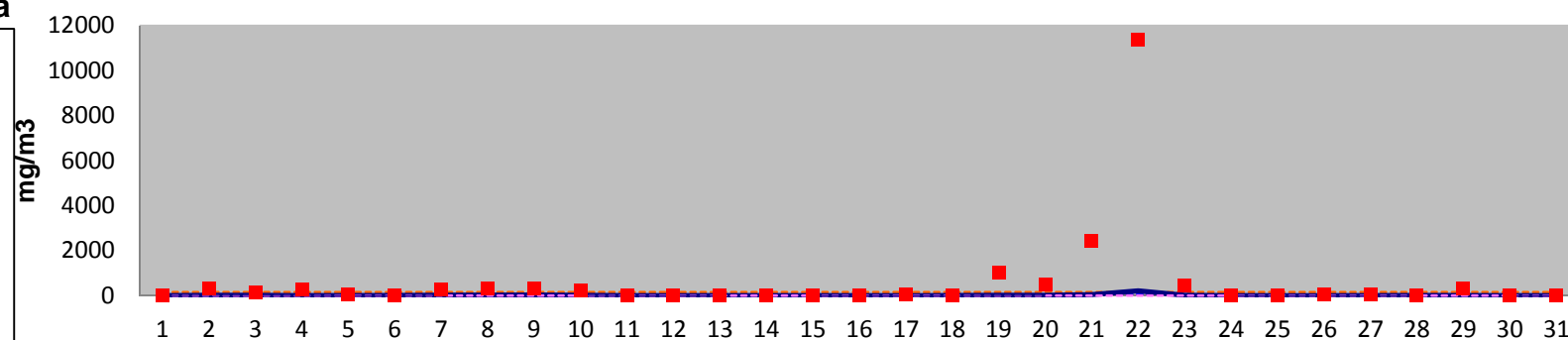
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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

## Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of May 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	150	150	
10 minute average	Monthly maximum	11374.2	Maximum 10 minute average	17.1	309	127	255	36.1	1.27	238	306	320	204.3	13.6	21.7	9.26	2.86	0.46	7.65	43.6	0.85	1022.5	473	2424.6	11374	437	8.08	1.68	24.5	30.79	4.33	312	4.79	1.89	
	Monthly mean	10.8	Mean 10 minute average	0.24	2.49	2.23	4.86	0.72	0.02	7.92	22.4	18.9	6.58	0.18	0.23	0.11	0.03	0.01	0.05	1.3	0.02	8.77	5.64	35.95	203.53	7.8	0.11	0.03	0.41	0.23	0.04	3.9	0.04	0.04	
	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	0	
	Total invalid results	15.0	No. of invalid results	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	6	0	0	0	1	3
	Sum of exceedances	21.0	No. of exceedances of ELV	0	1	0	1	0	0	2	5	5	1	0	0	0	0	0	0	0	0	1	1	0	3	1	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	1	50	50		
	Monthly maximum	8.8	Daily average	0.24	2.49	2.23	4.86	0.72	0.02	7.92			6.58	0.18	0.23	0.11		0.01	0.05	1.3	0.02	8.77	5.64				0.11	0.03	0.41	0.23	0.04		0.04	0.04	
	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	
	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

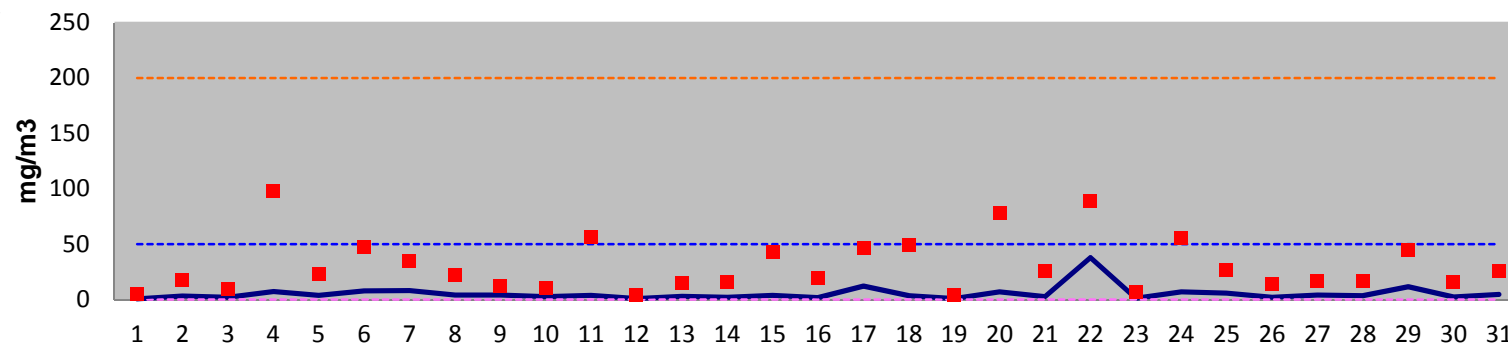
Variation Reference Number: EPR/MP3239FQ/V002

Form Number : Agency Form / A6/ Form Dated 20 October 2011

### Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide from Emission Point A1 for the month of May 2015

#### 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	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	200	200	
Half-hourly average	Monthly maximum	97.5	Maximum half hour average	4.71	17.4	9.73	97.5	23.4	47.6	34.3	22.2	11.6	9.88	55.9	4.14	14.8	16.1	43.3	18.9	46.4	49.1	3.58	78.2	25.2	88.8	7.07	55.1	26.4	14.1	16.2	16.6	44.8	16.1	25.3	
	Monthly mean	5.3	Mean half hour average	0.68	3.12	1.97	7.1	3.6	7.81	8.19	3.97	4.16	2.51	3.79	0.78	2.86	2	3.81	1.73	12.2	3.44	0.93	6.95	2.43	37.7	1.25	7.03	5.85	2.08	4.03	3.56	11.5	2.41	4.55	
	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	0	0	0	
	Total invalid results	8.0	No. of invalid results	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	2	1	0	0	1	2
	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	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	12.2	Daily average	0.68	3.12	1.97	7.1	3.6	7.81	8.19			2.51		0.78	2.86		3.81	1.73	12.2	3.44	0.93					7.03	5.85	2.08	4.03	3.56		2.41	4.55	
	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	
	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	N

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

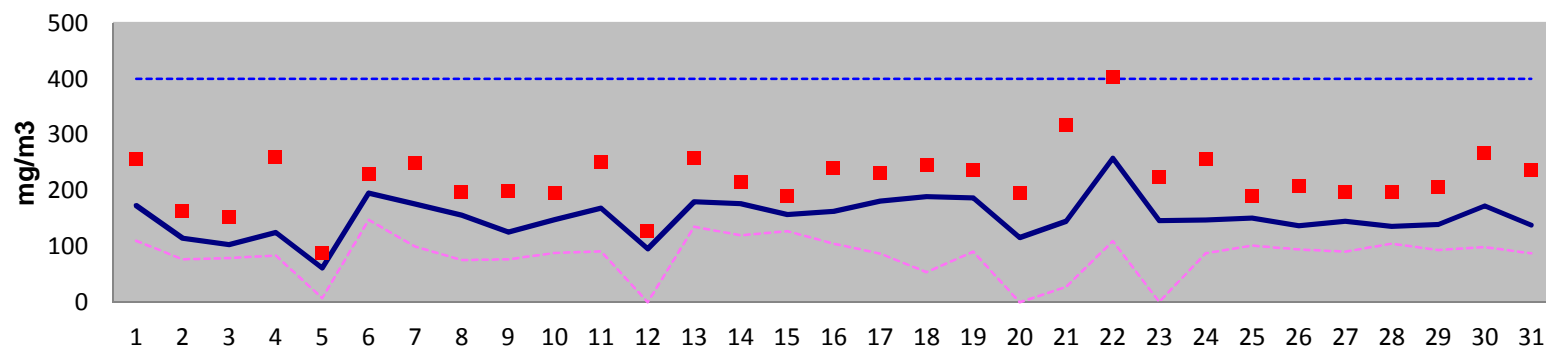
Permit Reference no: WP3836ZF  
Operator: Tradebe Healthcare National Limited  
Installation: Wrexham Clinical Waste Incinerator

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 May 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	31
			Half-hour average ELV																															
Half-hourly average	Monthly maximum	403.0	Maximum half hour average	257	163.11	153	261	88	230	249	197	199	195	251	128	259	216	189	240	231	246	236	196	318	403	224	256	190	207	196	196	207	267	237
	Monthly mean	151.9	Mean half hour average	173	114.72	103	125	61.5	196	176	156	126	148	169	95.7	180	177	157	163	181	189	187	116	145	258	147	148	151	137	145	136	139	173	138
	Monthly minimum	0.0	Minimum half hourly average	110	77.12	79.5	84	7.9	148	99.7	75.7	77	88.3	91.5	0.29	136	120	127	105	87.4	54.2	90.5	0	27.8	110	0.72	87.6	102	94.8	90.8	105	93.6	98.5	87.7
	Total invalid results	8.0	No. of invalid results	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	1	2
	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	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	400
	Monthly maximum	195.5	Daily average	173	114.72	103	125	61.5	196	176			148		95.7	180		157	163	181	189	187					148	151	137	145	136		173	138
	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
	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)