

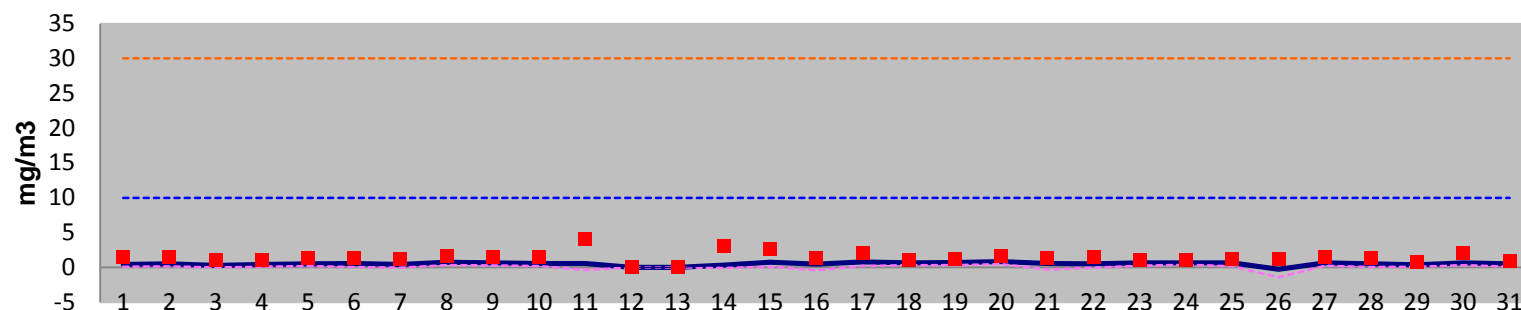
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 Jan 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	4.0	Maximum half hour average	1.41	1.52	1.07	1.05	1.36	1.37	1.2	1.63	1.53	1.43	4.03	0	0	2.98	2.63	1.35	2.09	0.99	1.23	1.54	1.29	1.4	1.05	1.08	1.12	1.14	1.46	1.32	0.72	2.09	0.89
	Monthly mean	0.5	Mean half hour average	0.41	0.54	0.3	0.44	0.52	0.56	0.43	0.75	0.65	0.58	0.55	0	0	0.32	0.76	0.46	0.78	0.67	0.72	0.83	0.57	0.53	0.64	0.65	0.65	-0.2	0.64	0.53	0.39	0.64	0.5
	Monthly minimum	-1.4	Minimum half hourly average	0.13	0.14	0.01	0.12	0.22	0.08	-0	0.33	0.3	0.18	-0.3	0	0	-0.1	0.13	-0.4	0.19	0.35	0.36	0.48	-0.3	-0.1	0.23	0.44	0.14	-1.4	0.25	0.04	0.1	0.35	0.13
	Total invalid results	204.0	No. of invalid results	0	0	0	0	0	0	2	0	0	0	30	48	48	9	3	23	0	1	0	0	2	5	0	0	0	29	0	2	2	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	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	0.8	Daily average	0.41	0.54	0.3	0.44	0.52	0.56	0.43	0.75	0.65	0.58	0.55	0	0	0.32	0.76	0.46	0.78	0.67	0.72	0.83	0.57	0.53	0.64	0.65	0.65	-0.2	0.64	0.53	0.39	0.64	0.5
	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	N

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

07th Jan - QAL 3  
11th Jan - Going into Shutdown  
12th & 13th - Shutdown  
14th Jan - Coming back online after shutdown.  
15th Jan - QAL 3 & CEMs fault  
16th Jan - CEMS fault, Engineer on site  
18th Jan - High dry O2 reading  
21st Jan - QAL 3                      EA Ref 1405027  
22 nd Jan - High SO2                      EA Ref 1405457  
23nd Jan high SO2  
26th Jan ID Fan Inverter Fault  
28th Jan - QAL 3  
29th Jan - ID Fan Inverter Fault

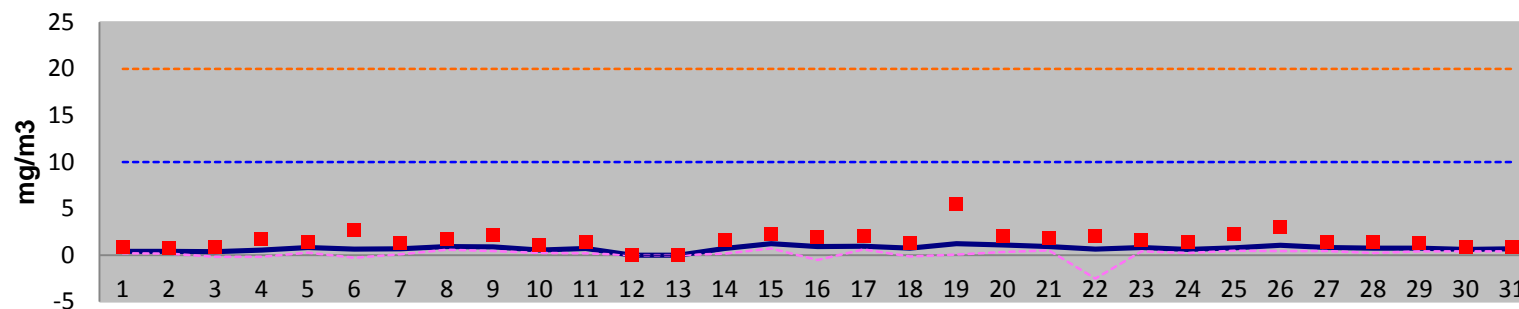
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 Jan 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	5.4	Maximum half hour average	0.92	0.79	0.83	1.74	1.42	2.73	1.3	1.74	2.13	1.05	1.39	0	0	1.6	2.23	1.96	2.07	1.29	5.43	2.02	1.85	2.05	1.61	1.35	2.2	3.03	1.4	1.34	1.26	0.89	0.9
	Monthly mean	0.7	Mean half hour average	0.42	0.41	0.38	0.54	0.82	0.65	0.67	0.93	0.9	0.55	0.72	0	0	0.71	1.24	0.92	0.96	0.74	1.23	1.09	0.92	0.66	0.81	0.62	0.8	1.05	0.83	0.74	0.74	0.62	0.67
	Monthly minimum	-2.5	Minimum half hourly average	0.21	0.17	-0.2	-0.2	0.27	-0.3	0.09	0.58	0.44	0.23	0.2	0	0	0.18	0.72	-0.5	0.6	-0.2	0.06	0.35	0.5	-2.5	0.41	0.24	0.46	0.45	0.44	0.25	0.39	0.39	0.41
	Total invalid results	200.0	No. of invalid results	0	0	0	0	0	0	2	0	0	0	30	48	48	9	3	23	0	1	0	0	4	9	0	0	0	19	0	2	2	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	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	1.2	Daily average	0.42	0.41	0.38	0.54	0.82	0.65	0.67	0.93	0.9	0.55	0.72	0	0	0.71	1.24	0.92	0.96	0.74	1.23	1.09	0.92	0.66	0.81	0.62	0.8	1.05	0.83	0.74	0.74	0.62	0.67
	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	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

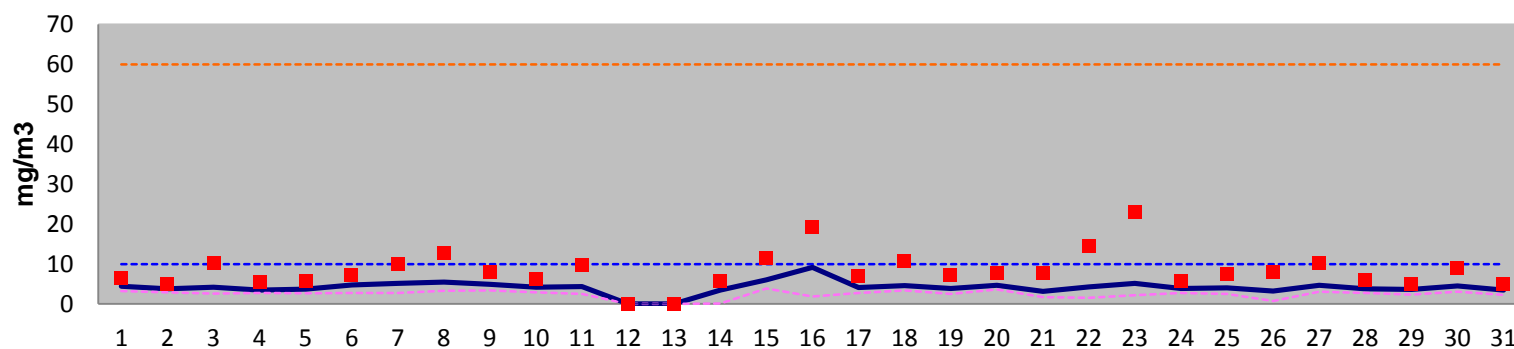
Variation Reference Number: EPR/MP3239FQ/V002

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 Jan 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	22.9	Maximum half hour average	6.4	4.85	10.3	5.48	5.56	7.11	9.95	12.7	7.96	6.31	9.58	0	0	5.76	11.5	19.3	7.04	10.9	7.24	7.63	7.6	14.5	22.9	5.63	7.41	7.92	10.2	5.9	4.91	8.99	4.86	
	Monthly mean	4.1	Mean half hour average	4.43	3.76	4.23	3.48	3.7	4.77	5.17	5.46	4.93	4.18	4.38	0	0	3.5	6.05	9.19	4.15	4.59	3.84	4.65	3.15	4.3	5.13	3.89	4.03	3.23	4.7	3.8	3.67	4.54	3.5	
	Monthly minimum	0.0	Minimum half hourly average	3.26	2.91	2.59	2.72	2.7	2.77	2.77	3.31	3.39	2.89	2.54	0	0	0.11	3.84	1.85	2.79	3.38	2.51	3.64	1.7	1.52	2.21	2.77	2.48	0.76	3.05	2.77	2.32	3.08	2.27	
	Total invalid results	194.0	No. of invalid results	0	0	0	0	0	0	2	0	0	0	0	30	48	48	9	3	23	0	1	0	0	4	3	0	0	0	19	0	2	2	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	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	9.2	Daily average	4.43	3.76	4.23	3.48	3.7	4.77	5.17	5.46	4.93	4.18	4.38	0	0	3.5	6.05	9.19	4.15	4.59	3.84	4.65	3.15	4.3	5.13	3.89	4.03	3.23	4.7	3.8	3.67	4.54	3.5	
	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	N	

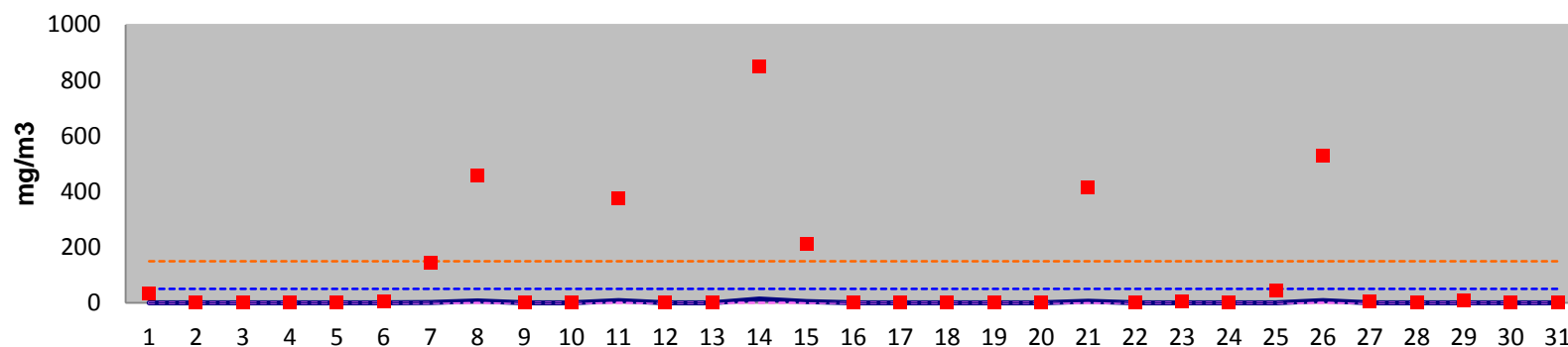
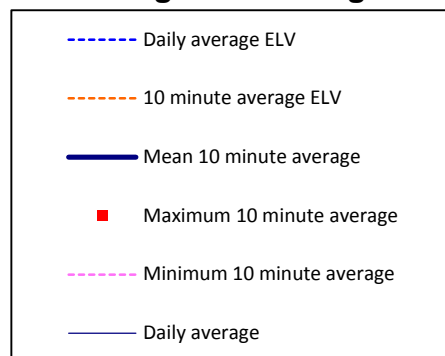
Signed..... Date.....  
(authorised to sign as representative of the Operator)

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 Jan 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	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	848.2	Maximum 10 minute average	34.7	0.02	0.12	0.26	1.24	6.85	142	458	0.13	1.84	376	0	0	848	210	0.99	0.32	0	0.22	2.26	415	0	3.82	0	44.8	528	6.86	0	7.29	0.4	2.03
	Monthly mean	1.6	Mean 10 minute average	0.25	0	0	0	0.01	0.13	1.28	7.23	0	0.03	8.06	0	0	13.8	4.58	0.04	0	0	0	0.02	6.12	0	0.07	0	0.36	7.69	0.13	0	0.13	0	0.03
	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	564.0	No. of invalid results	0	0	0	0	0	0	2	0	0	0	90	144	144	27	4	69	0	1	0	0	3	11	0	0	0	60	0	3	6	0	0
	Sum of exceedances	10.0	No. of exceedances of ELV	0	0	0	0	0	0	0	2	0	0	2	0	0	3	1	0	0	0	0	0	1	0	0	0	0	1	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	13.8	Daily average	0.25	0	0	0	0.01	0.13	1.28	7.23	0	0.03	8.06	0	0	13.8	4.58	0.04	0	0	0	0.02	6.12	0	0.07	0	0.36	7.69	0.13	0	0.13	0	0.03
	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

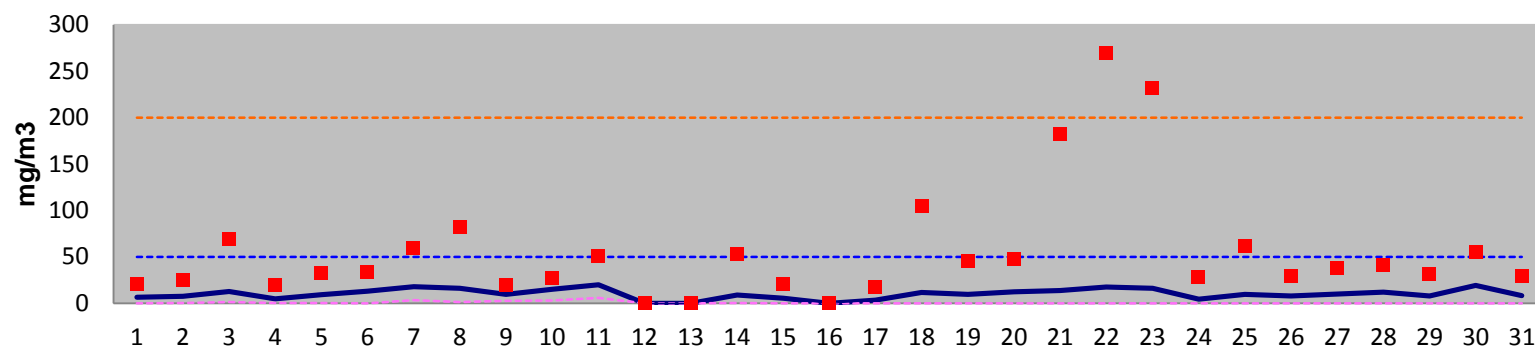
Variation Reference Number: EPR/MP3239FQ/V002

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 Jan 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	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	269.2	Maximum half hour average	20.2	24.6	68.9	19.2	32.3	33.8	58.9	81.4	19.7	26.9	51.2	0	0	52.8	20	0	17.8	104	44.8	47.8	183	269	231	28.4	61.1	29.3	37.2	40.9	31.7	55	28.7
	Monthly mean	9.9	Mean half hour average	6.5	7.41	12.7	4.7	8.98	12.8	17.9	15.9	9.4	15.1	19.8	0	0	8.84	5.47	0	3.15	11.5	9.42	12.2	13.6	17.3	16.2	4.19	9.52	7.71	10	12.1	7.81	19.2	8.2
	Monthly minimum	0.0	Minimum half hourly average	0	0.09	1.35	0.01	0.2	0	3.36	1.33	2.71	3.1	5.66	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total invalid results	196.0	No. of invalid results	0	0	0	0	0	0	2	0	0	0	30	48	48	9	3	23	0	1	0	0	4	5	0	0	0	19	0	2	2	0	0
	Sum of exceedances	2.0	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	1	1	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	19.8	Daily average	6.5	7.41	12.7	4.7	8.98	12.8	17.9	15.9	9.4	15.1	19.8	0	0	8.84	5.47	0	3.15	11.5	9.42	12.2	13.6	17.3	16.2	4.19	9.52	7.71	10	12.1	7.81	19.2	8.2
	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	N

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

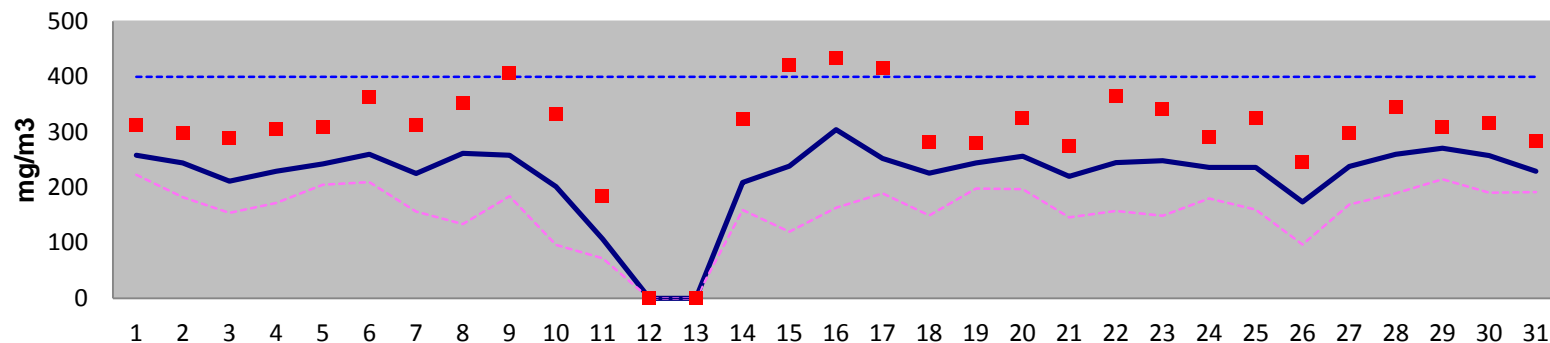
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 Jan 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	434.4	Maximum half hour average	312	298.17	289	305	308	363	313	353	407	332	185	0	0	323	421	434	416	281	280	326	275	365	342	291	325	246	299	345	308	317	284
	Monthly mean	220.9	Mean half hour average	258	244.2	211	230	243	260	225	262	258	202	107	0	0	209	239	305	252	226	244	257	220	245	248	236	236	174	238	260	271	258	230
	Monthly minimum	0.0	Minimum half hourly average	223	182.61	154	172	205	210	156	134	184	96.4	72.4	0	0	159	120	164	189	149	198	197	146	158	149	180	160	96.8	169	190	215	190	192
	Total invalid results	196.0	No. of invalid results	0	0	0	0	0	0	2	0	0	0	30	48	48	9	3	23	0	1	0	0	4	5	0	0	0	19	0	2	2	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	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	304.7	Daily average	258	244.2	211	230	243	260	225	262	258	202	107	0	0	209	239	305	252	226	244	257	220	245	248	236	236	174	238	260	271	258	230
	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	N

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