

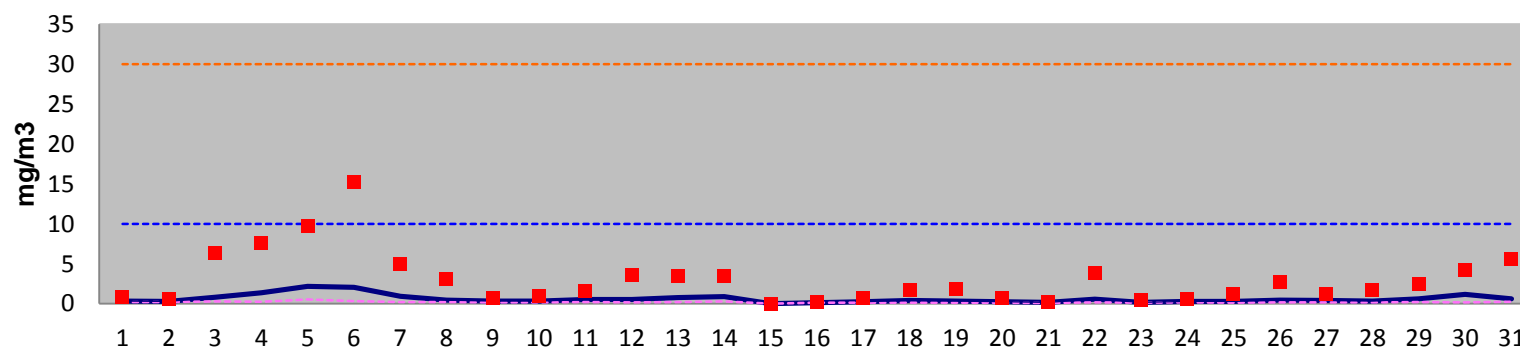
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 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	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	15.2	Maximum half hour average	0.88	0.62	6.32	7.54	9.73	15.2	5.01	3.07	0.69	0.9	1.56	3.59	3.41	3.39	0	0.16	0.68	1.72	1.89	0.73	0.23	3.9	0.43	0.62	1.22	2.69	1.19	1.66	2.45	4.2	5.6
	Monthly mean	0.6	Mean half hour average	0.34	0.31	0.83	1.36	2.18	2.07	0.93	0.44	0.35	0.35	0.53	0.52	0.79	0.88	0	0.14	0.27	0.43	0.35	0.27	0.19	0.59	0.19	0.31	0.3	0.44	0.4	0.32	0.63	1.17	0.61
	Monthly minimum	0.0	Minimum half hourly average	0.2	0.2	0.29	0.27	0.54	0.35	0.2	0.23	0.17	0.18	0.23	0.16	0.23	0.29	0	0.12	0.12	0.15	0.15	0.14	0.11	0.16	0.13	0.17	0.15	0.17	0.19	0.16	0.2	0.19	0.26
	Total invalid results	5.0	No. of invalid results	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	0	0	0	0	2	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	2.2	Daily average	0.34	0.31	0.83	1.36	2.18	2.07	0.93	0.44	0.35	0.35	0.53	0.52	0.79				0.27	0.43	0.35	0.27	0.19	0.59	0.19	0.31	0.3	0.44	0.4	0.32	0.63	1.17	0.61
	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	
	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.....V Norris..... Date...27/02/2017..  
 (authorised to sign as representative of the Operator)

10th Jan - New FID Pump fitted

5th Jan -QAL 3  
11th Jan - QAL 3  
14th - 16th Jan Shutdown  
30th Jan - QAL 3



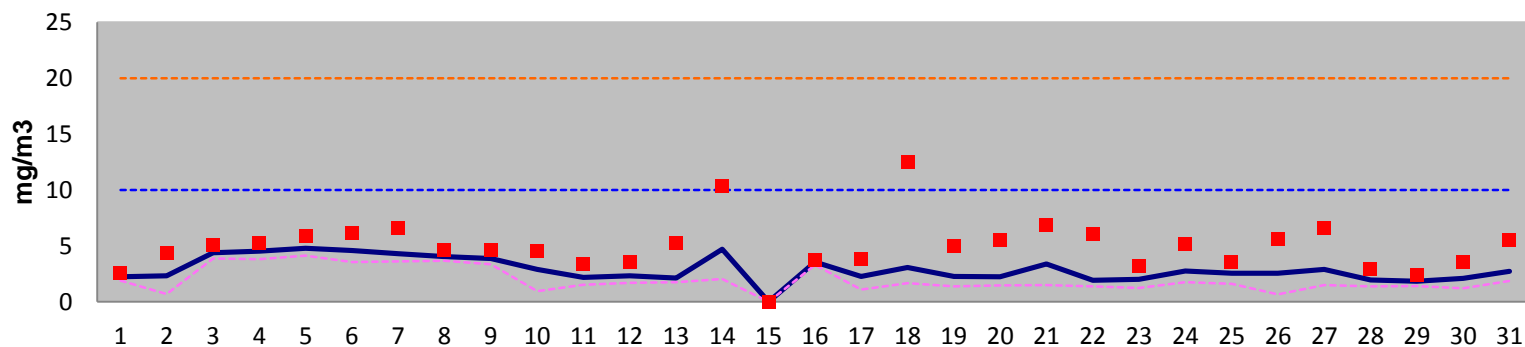
Permit Reference no: WP3836ZF  
Operator: Tradebe Healthcare National Limited  
Installation: Wrexham Clinical Waste Incinerator

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 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	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	12.5	Maximum half hour average	2.59	4.32	5.09	5.21	5.86	6.11	6.62	4.64	4.61	4.5	3.4	3.52	5.24	10.4	0	3.74	3.85	12.5	4.99	5.53	6.87	6.08	3.16	5.16	3.54	5.57	6.61	2.94	2.37	3.58	5.51
	Monthly mean	2.9	Mean half hour average	2.25	2.33	4.4	4.52	4.78	4.6	4.31	4.04	3.87	2.89	2.2	2.34	2.13	4.72	0	3.57	2.27	3.06	2.27	2.25	3.4	1.94	2.01	2.75	2.57	2.55	2.89	1.97	1.84	2.1	2.72
	Monthly minimum	0.0	Minimum half hourly average	1.91	0.69	3.87	3.83	4.13	3.57	3.62	3.67	3.36	0.95	1.53	1.69	1.75	2.03	0	3.29	1.11	1.66	1.38	1.47	1.49	1.38	1.23	1.76	1.62	0.68	1.51	1.37	1.41	1.22	1.87
	Total invalid results	6.0	No. of invalid results	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	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	4.8	Daily average	2.25	2.33	4.4	4.52	4.78	4.6	4.31	4.04	3.87	2.89	2.2	2.34	2.13				2.27	3.06	2.27	2.25	3.4	1.94	2.01	2.75	2.57	2.55	2.89	1.97	1.84	2.1	2.72
	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	
	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

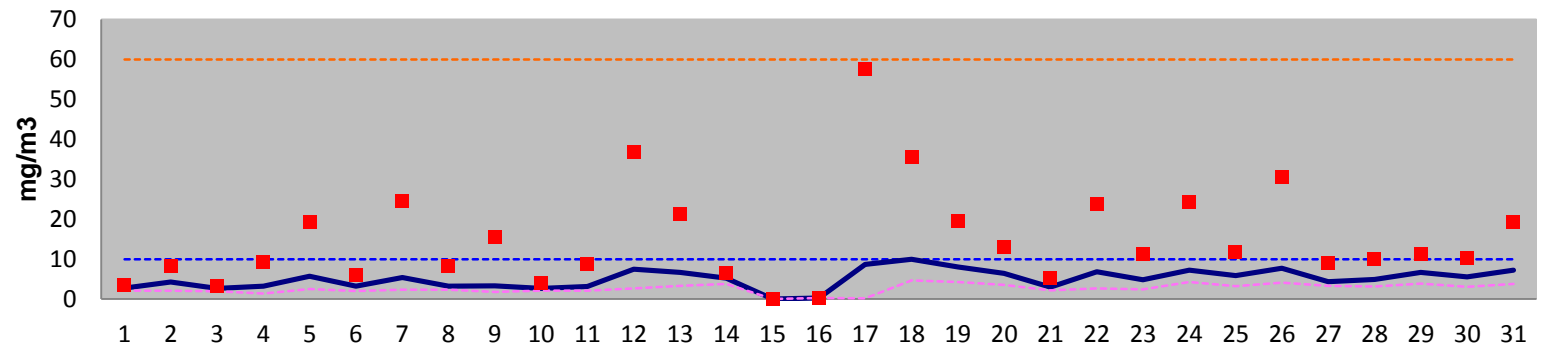
Variation Reference Number: EPR/MP3239FQ/V002

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 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	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	57.5	Maximum half hour average	3.42	8.31	3.34	9.39	19.2	5.89	24.5	8.3	15.5	3.91	8.64	36.9	21.1	6.5	0	0.29	57.5	35.6	19.7	13	5.28	23.8	11.2	24.4	11.7	30.5	8.99	10.1	11.3	10.2	19.3
	Monthly mean	5.1	Mean half hour average	2.72	4.28	2.69	3.22	5.69	3.27	5.41	3.25	3.3	2.68	3.16	7.5	6.7	5.24	0	0.26	8.7	10	8.05	6.44	2.99	6.87	4.8	7.26	5.87	7.73	4.32	4.95	6.7	5.52	7.28
	Monthly minimum	0.0	Minimum half hourly average	2.13	2.13	1.97	1.39	2.51	2	2.39	2.34	1.8	2.11	2.11	2.71	3.29	3.76	0	0.24	0.22	4.67	4.25	3.55	2.19	2.68	2.41	4.28	3.26	4.13	3.3	3.13	3.87	3.11	3.78
	Total invalid results	5.0	No. of invalid results	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	0	0	0	0	2	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	10.0	Daily average	2.72	4.28	2.69	3.22	5.69	3.27	5.41	3.25	3.3	2.68	3.16	7.5	6.7				8.7	10	8.05	6.44	2.99	6.87	4.8	7.26	5.87	7.73	4.32	4.95	6.7	5.52	7.28
	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)



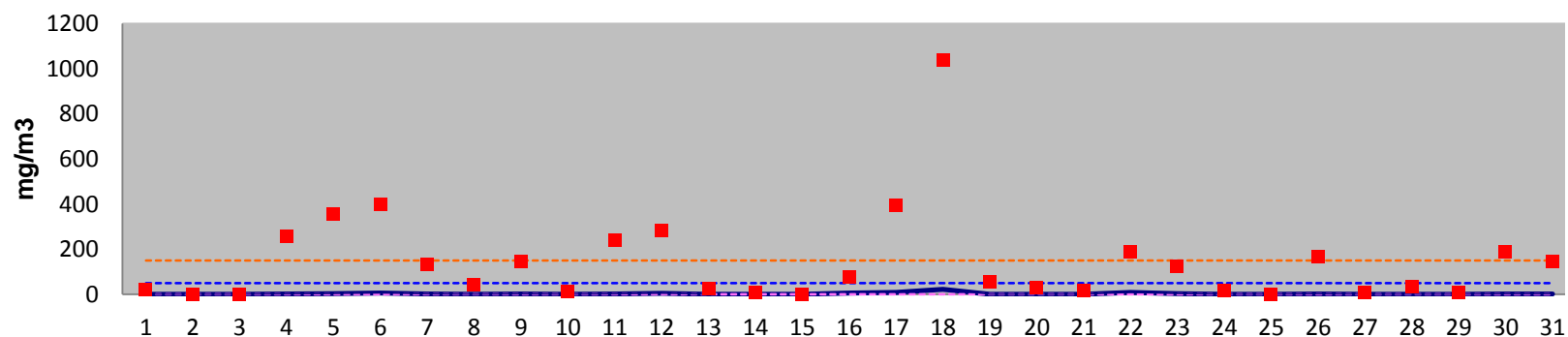
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002  
 Form Number : Agency Form / 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 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	1036.2	Maximum 10 minute average	18.6	0.1	0.04	255	357	398	134	44.2	146	12.9	241	285	25.2	6.72	0	75.38	395	1036.2	52.93	28.8	17	186.3	122	14.9	0.49	165	8.68	32.7	9.66	187.85
	Monthly mean	2.5	Mean 10 minute average	0.3	0	0	1.79	2.6	5.61	2.38	0.6	1.8	0.1	1.85	4.49	0.51	0.28	0	6.3	8.41	21.77	0.82	0.24	0.14	8.17	3.74	0.21	0	1.38	0.08	0.31	0.07	1.35
	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	
	Total invalid results	7.0	No. of invalid results	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
	Sum of exceedances	18.0	No. of exceedances of ELV	0	0	0	1	1	2	0	0	0	0	1	2	0	0	0	0	3	5	0	0	0	2	0	0	0	0	0	0	0	1
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	21.8	Daily average	0.3	0	0	1.79	2.6	5.61	2.38	0.6	1.8	0.1	1.85	4.49	0.51				8.41	21.77	0.82	0.24	0.14	8.17	3.74	0.21	0	1.38	0.08	0.31	0.07	1.35
	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	
	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)





31
150
144
1.33
0
0
0
50
1.33
Y
N

Permit Reference no: WP3836ZF

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

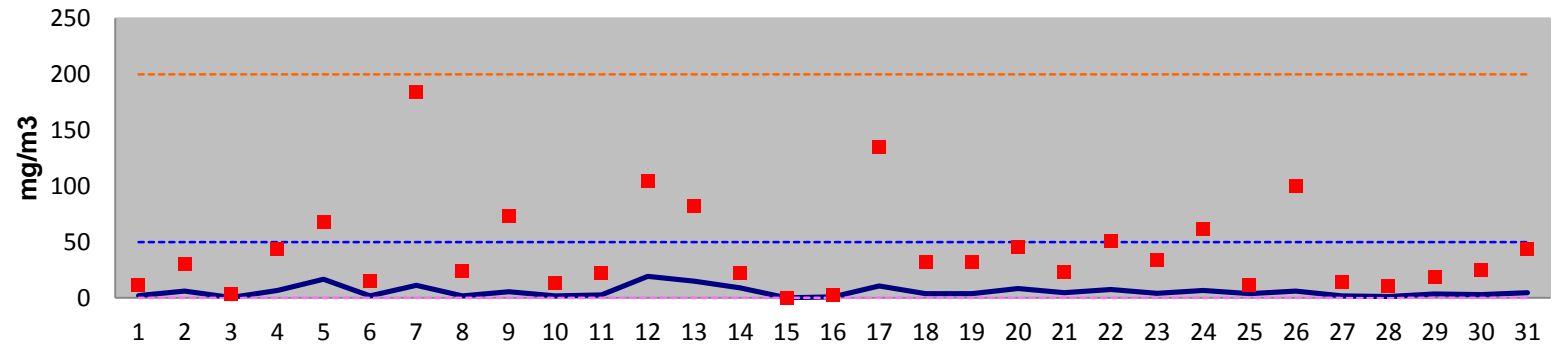
Variation Reference Number: EPR/MP3239FQ/V002

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 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	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	184.0	Maximum half hour average	11.4	30.6	3.57	43.1	68	14.8	184	24	73.3	13.4	21.6	104	81.9	21.9	0	2.92	135	31.7	31.7	45.7	23.1	50.5	33.8	61.3	11.2	99.6	13.7	10.6	18.3	25.2	44.2
	Monthly mean	5.6	Mean half hour average	2.09	6.14	0.44	6.72	16.8	1.7	11.4	1.81	5.41	1.75	2.58	19.2	14.9	9.11	0	1.02	10.7	3.81	3.81	8.41	4.67	7.53	4.15	6.69	3.81	6.25	1.93	1.35	3.57	2.84	4.66
	Monthly minimum	0.0	Minimum half hourly average	0	0	0	0	0	0	0	0	0	0	0	0.02	0.08	0	0	0.23	0	0	0	0.07	0	0.05	0	0	0	0.04	0	0	0	0	0
	Total invalid results	5.0	No. of invalid results	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	0	0	0	0	2	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	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	19.2	Daily average	2.09	6.14	0.44	6.72	16.8	1.7	11.4	1.81	5.41	1.75	2.58	19.2	14.9				10.7	3.81	3.81	8.41	4.67	7.53	4.15	6.69	3.81	6.25	1.93	1.35	3.57	2.84	4.66
	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)



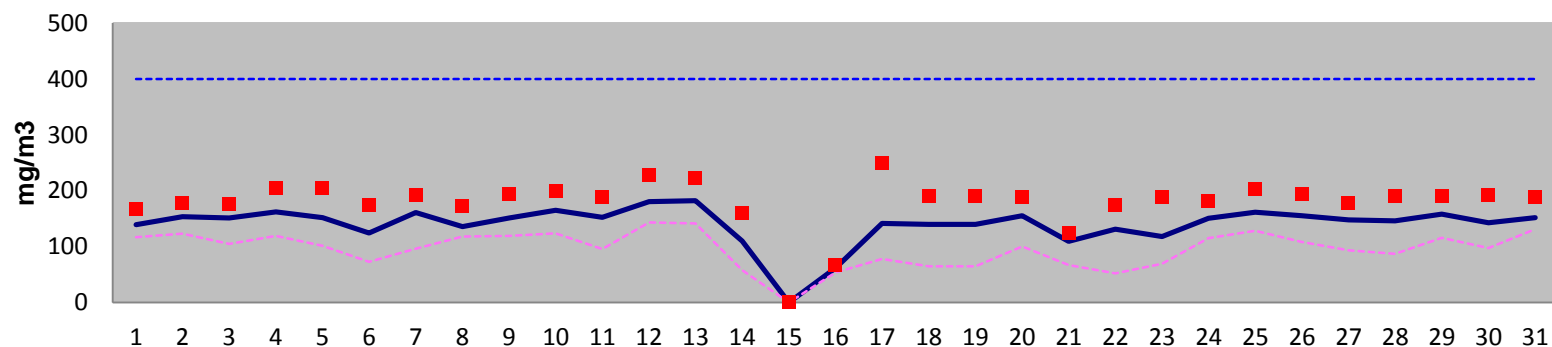
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 Jan 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	31
			Half-hour average ELV																															
Half-hourly average	Monthly maximum	250.5	Maximum half hour average	167	177.85	177	204	206	175	192	173	194	199	189	228	222	161	0	67.8	250	191	191	189	123	175	189	181	204	195	178	191	190	192	189
	Monthly mean	139.9	Mean half hour average	139	153.51	151	162	152	125	161	136	151	165	153	180	182	110	0	61.9	142	140	140	156	109	132	118	151	161	156	148	147	158	143	152
	Monthly minimum	0.0	Minimum half hourly average	117	123.05	105	119	102	72.9	96.5	118	119	124	96.1	143	142	58	0	53.9	78.2	65	65	101	67	52.5	69.4	115	129	108	93.6	87	116	97.7	131
	Total invalid results	5.0	No. of invalid results	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	0	0	0	0	2	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	182.2	Daily average	139	153.51	151	162	152	125	161	136	151	165	153	180	182				142	140	140	156	109	132	118	151	161	156	148	147	158	143	152
	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	
	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)

