

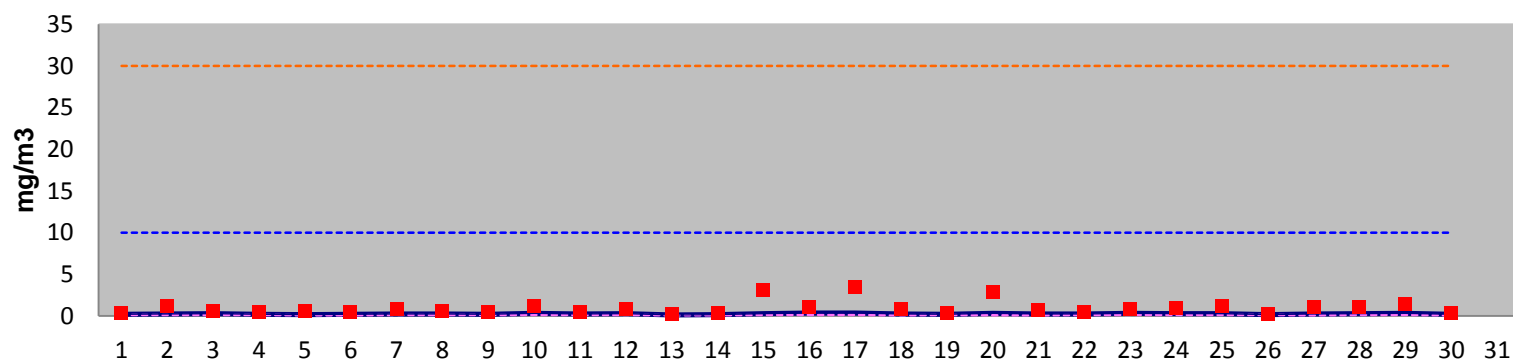
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 November 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	3.4	Maximum half hour average	0.32	1.16	0.57	0.43	0.52	0.42	0.83	0.6	0.46	1.21	0.51	0.87	0.25	0.38	3.1	1.09	3.44	0.88	0.38	2.89	0.78	0.47	0.9	0.97	1.21	0.26	1.09	1.03	1.37	0.37		
	Monthly mean	0.3	Mean half hour average	0.22	0.26	0.27	0.21	0.18	0.2	0.25	0.25	0.22	0.32	0.23	0.28	0.14	0.16	0.3	0.35	0.38	0.24	0.22	0.31	0.25	0.25	0.32	0.3	0.27	0.17	0.23	0.3	0.34	0.22		
	Monthly minimum	0.1	Minimum half hourly average	0.12	0.13	0.14	0.14	0.11	0.11	0.13	0.13	0.12	0.14	0.13	0.12	0.11	0.11	0.13	0.15	0.13	0.08	0.12	0.11	0.11	0.12	0.15	0.14	0.13	0.13	0.11	0.13	0.14	0.11		
	Total invalid results	8.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	1	0	0	0	0	0	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		
	Monthly maximum	0.4	Daily average	0.22	0.26	0.27	0.21	0.18	0.2	0.25	0.25	0.22	0.32	0.23	0.28	0.14	0.16	0.3	0.35	0.38	0.24	0.22	0.31	0.25	0.25	0.32	0.3	0.27	0.17	0.23	0.3	0.34	0.22		
	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	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	

(authorised to sign as representative of the Operator)

03 Nov- VOC due to a cold spot in the line.

05 Nov - EV Opened due to Power dip reported by TL (Ref No 1705790

16th Nov - QAL 3

23rd Nov - QAL 3

24th Nov - Lime Blockage, stopped loading (abnormal Ops) ref no 1706213

30th Nov - QAL 3

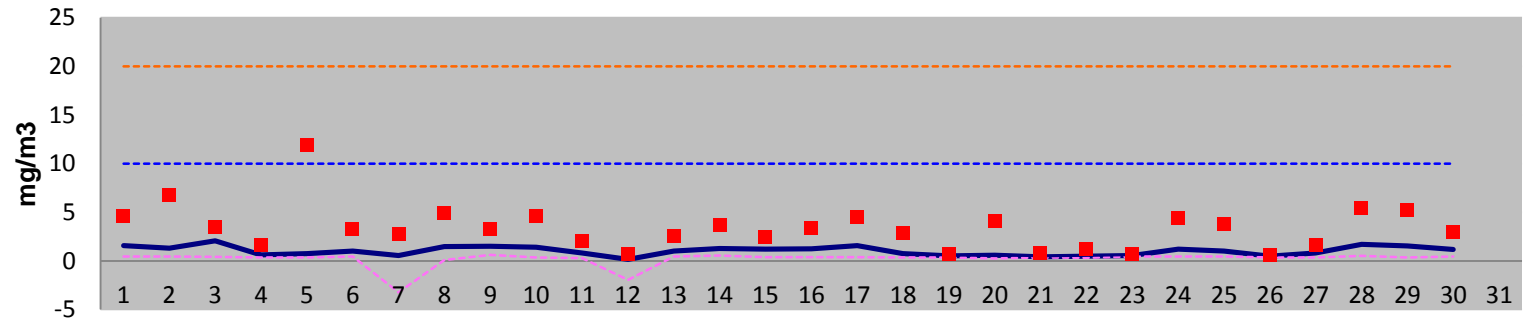
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 November 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	11.9	Maximum half hour average	4.64	6.77	3.47	1.64	11.9	3.21	2.72	4.89	3.26	4.56	2.06	0.69	2.55	3.68	2.46	3.36	4.46	2.87	0.68	4.08	0.8	1.19	0.69	4.33	3.81	0.64	1.58	5.38	5.2	2.99	
	Monthly mean	1.0	Mean half hour average	1.56	1.31	2.06	0.6	0.74	1	0.55	1.46	1.49	1.41	0.82	0.15	1.02	1.26	1.21	1.23	1.58	0.75	0.5	0.59	0.4	0.49	0.55	1.21	0.99	0.48	0.81	1.7	1.52	1.17	
	Monthly minimum	-3.3	Minimum half hourly average	0.44	0.46	0.41	0.35	0.36	0.46	-3.3	0.09	0.61	0.34	0.29	-2	0.43	0.55	0.38	0.39	0.39	0.34	0.35	0.25	0.33	0.31	0.45	0.46	0.45	0.34	0.35	0.52	0.34	0.44	
	Total invalid results	10.0	No. of invalid results	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	3	1	0	0	0	0	0	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	
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	2.1	Daily average	1.56	1.31	2.06	0.6	0.74	1	0.55	1.46	1.49	1.41	0.82	0.15	1.02	1.26	1.21	1.23	1.58	0.75	0.5	0.59	0.4	0.49	0.55	1.21	0.99	0.48	0.81	1.7	1.52	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	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

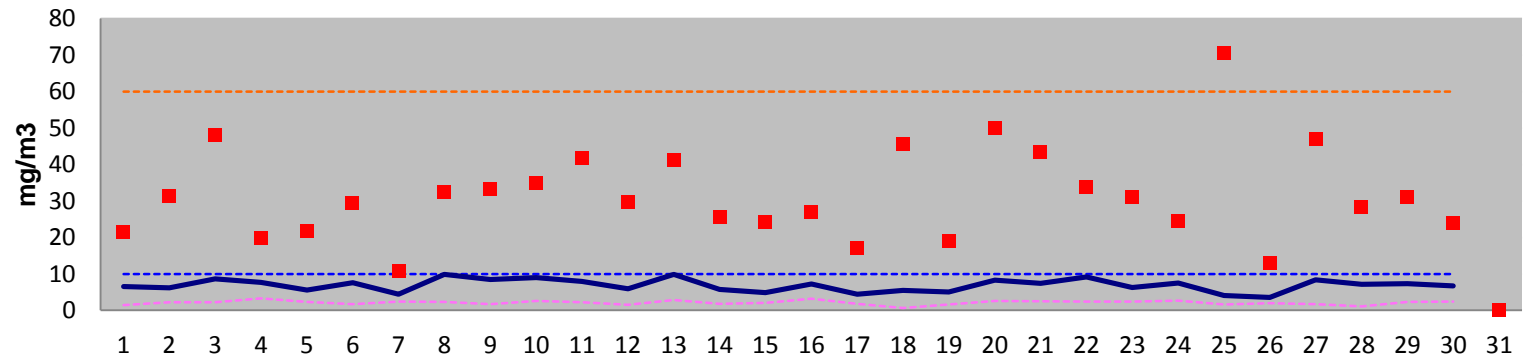
Variation Reference Number: EPR/MP3239FQ/V002

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 November 2011

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	70.5	Maximum half hour average	21.4	31.4	48	19.9	21.7	29.3	10.8	32.3	33.2	34.7	41.8	29.7	41.2	25.6	24.1	26.9	17.2	45.4	18.8	50	43.3	33.9	31	24.5	70.5	13	46.9	28.2	31.1	23.8	
	Monthly mean	6.9	Mean half hour average	6.52	6.2	8.6	7.65	5.59	7.55	4.44	9.86	8.5	9.03	7.96	5.96	9.85	5.75	4.86	7.24	4.41	5.47	5.07	8.26	7.45	9.18	6.23	7.53	4.06	3.54	8.37	7.19	7.33	6.73	
	Monthly minimum	0.6	Minimum half hourly average	1.41	2.25	2.27	3.33	2.32	1.72	2.37	2.35	1.69	2.57	2.23	1.49	2.86	1.83	2.09	3.18	1.78	0.62	1.62	2.61	2.46	2.45	2.42	2.65	1.61	1.95	1.69	1.09	2.3	2.39	
	Total invalid results	8.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	0	0	0	0	0	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	
	Monthly maximum	9.9	Daily average	6.52	6.2	8.6	7.65	5.59	7.55	4.44	9.86	8.5	9.03	7.96	5.96	9.85	5.75	4.86	7.24	4.41	5.47	5.07	8.26	7.45	9.18	6.23	7.53	4.06	3.54	8.37	7.19	7.33	6.73	
	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	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

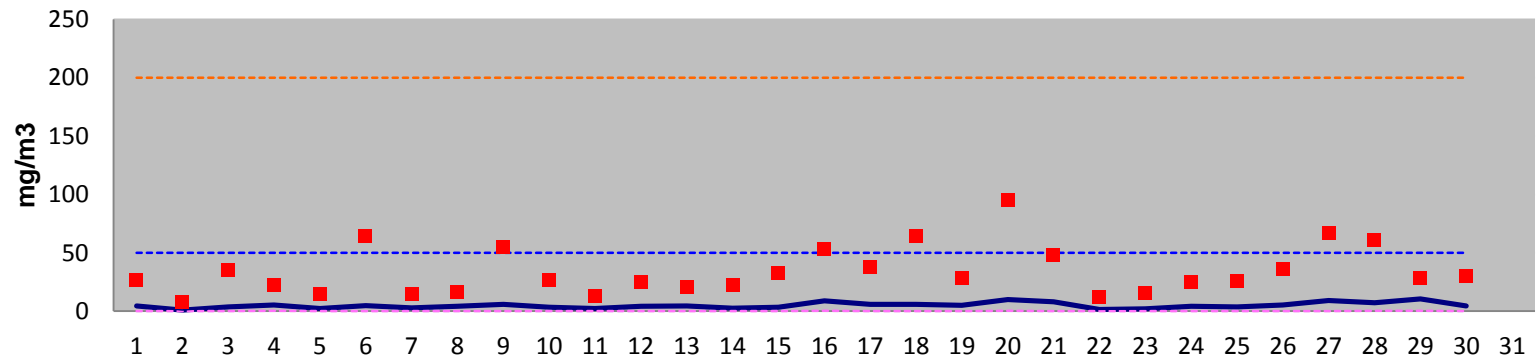
Variation Reference Number: EPR/MP3239FQ/V002

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 November 201

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	200	
Half-hourly average	Monthly maximum	95.3	Maximum half hour average	27	7.74	34.8	22.3	14.2	64.7	14.1	16.6	55.1	26.8	12.9	25.2	20.9	22.4	33	53.2	37.8	63.9	28.4	95.3	47.7	12	15.6	25.2	25.6	36.3	67.3	61	28	30.4		
	Monthly mean	4.9	Mean half hour average	4.63	0.85	3.82	5.36	2.41	4.91	2.89	4.24	5.86	3.47	2.37	4.35	4.65	2.52	3.49	9.02	5.86	5.93	4.99	9.91	8.12	1.59	2	4.34	3.61	5.31	9.05	7.39	10.5	4.49		
	Monthly minimum	0.0	Minimum half hourly average	0.02	0.02	0.12	0.44	0.07	0	0.01	0.13	0	0.03	0.14	0.13	0.01	0	0.09	0.33	0.24	0	0.06	0.28	0.08	0	0.01	0.14	0.09	0.02	0.23	0.45	0.54	0.1		
	Total invalid results	8.0	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	0	0	0	0	0	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		
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	10.5	Daily average	4.63	0.85	3.82	5.36	2.41	4.91	2.89	4.24	5.86	3.47	2.37	4.35	4.65	2.52	3.49	9.02	5.86	5.93	4.99	9.91	8.12	1.59	2	4.34	3.61	5.31	9.05	7.39	10.5	4.49		
	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	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)

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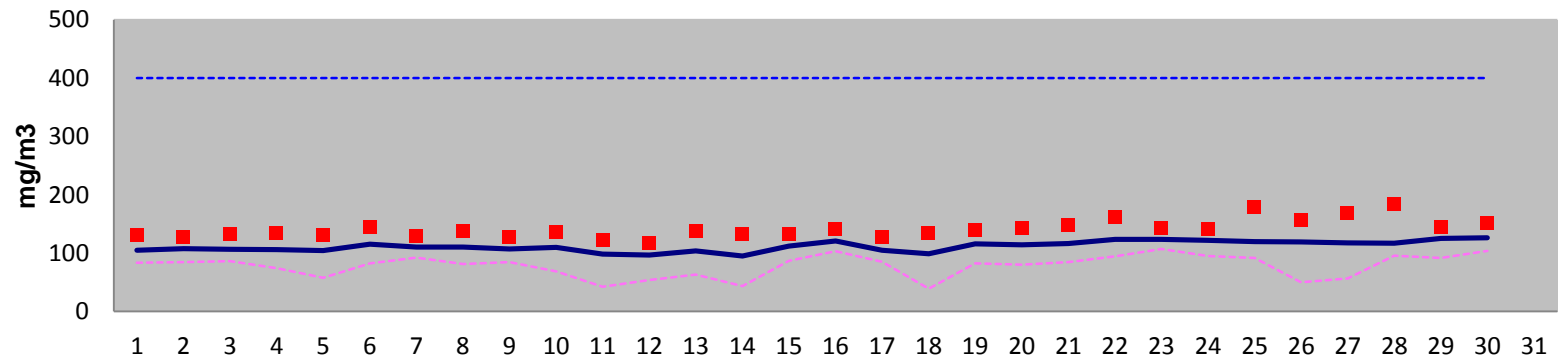
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / 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 November 20

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	184.6	Maximum half hour average	131	127.31	132	134	131	145	128	138	128	135	122	118	138	133	132	141	127	135	139	143	149	162	142	141	178	157	168	185	145	151	
	Monthly mean	111.9	Mean half hour average	105	107.7	107	106	105	115	110	110	107	110	98.3	96.6	104	95.4	112	121	105	99.1	116	114	117	124	124	122	120	119	118	117	125	126	
	Monthly minimum	39.0	Minimum half hourly average	83.6	84.58	86.1	74.4	58	82.3	92.2	81.4	84.8	68.9	42.4	54	63.2	43.4	87	103	85.2	39	82.5	80.4	84.7	94.4	107	95.2	91.9	50.3	56.5	95.8	91.8	104	
	Total invalid results	62.1	No. of invalid results	0	0	0	0	0	1	0	0	0	0	0	54.1	0	0	0	2	0	0	0	0	0	0	2	1	0	0	0	0	0	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	
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	126.4	Daily average	105	107.7	107	106	105	115	110	110	107	110	98.3	96.6	104	95.4	112	121	105	99.1	116	114	117	124	124	122	120	119	118	117	125	126	
	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	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.....

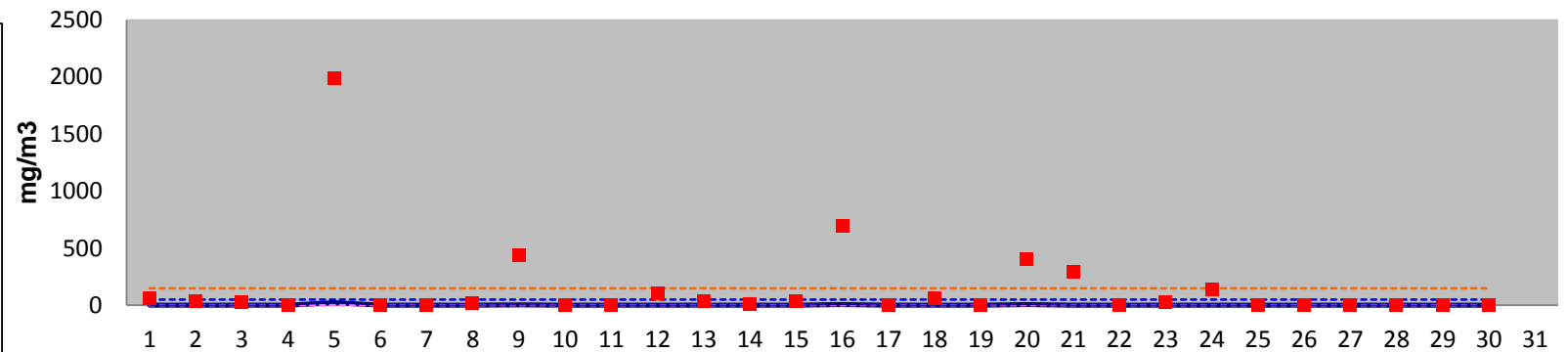
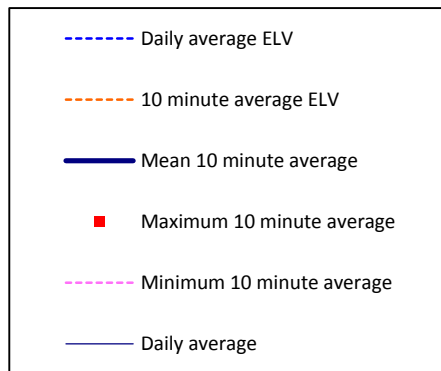
(authorised to sign as representative of the Operator)

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 November 2017

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	1988.2	Maximum 10 minute average	62.2	36.7	24.4	1.33	1988	0.94	6.57	17.4	441	2.76	0.39	106	38.2	8.55	33	691.3	5.68	63	0.78	405	290	2.85	30.1	134	0.99	5.75	5.44	0.58	0.37	0.66	
	Monthly mean	1.6	Mean 10 minute average	0.44	0.38	0.32	0.03	23	0.01	0.06	0.27	3.68	0.06	0.01	0.96	0.27	0.07	0.23	6.12	0.05	0.69	0.01	7.11	2.11	0.05	0.04	0.95	0.01	0.05	0.1	0.01	0	0.01	
	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	9.0	No. of invalid results	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	
	Sum of exceedances	9.0	No. of exceedances of ELV	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	2	0	0	0	2	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	50	50	50	
	Monthly maximum	23.0	Daily average	0.44	0.38	0.32	0.03	23	0.01	0.06	0.27	3.68	0.06	0.01	0.96	0.27	0.07	0.23	6.12	0.05	0.69	0.01	7.11	2.11	0.05	0.04	0.95	0.01	0.05	0.1	0.01	0	0.01	
	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	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)

