

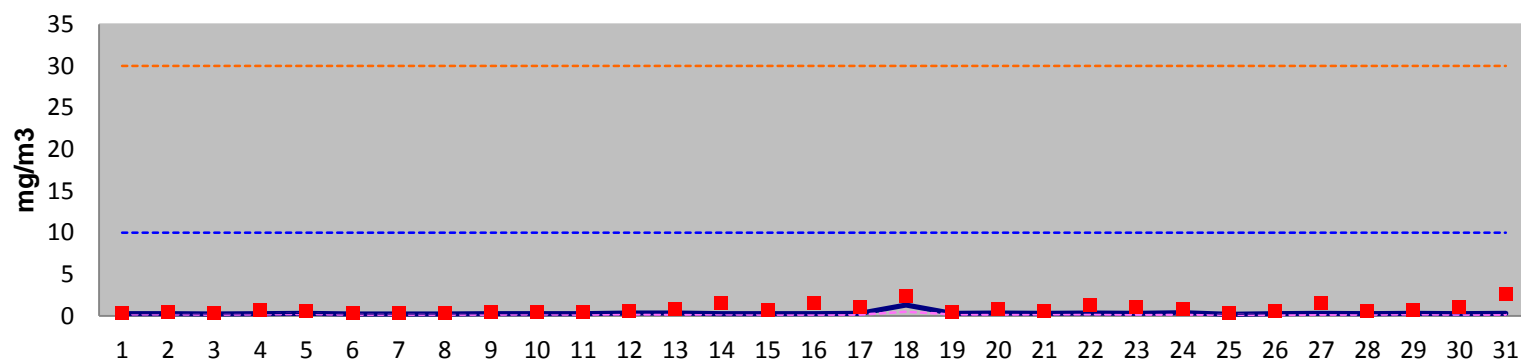
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 August 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	2.7	Maximum half hour average	0.38	0.43	0.39	0.72	0.58	0.33	0.35	0.39	0.5	0.47	0.43	0.6	0.82	1.56	0.71	1.57	1.13	2.39	0.5	0.85	0.6	1.34	1.11	0.89	0.34	0.6	1.49	0.61	0.67	1.08	2.66
	Monthly mean	0.3	Mean half hour average	0.28	0.28	0.25	0.29	0.31	0.26	0.25	0.26	0.3	0.3	0.28	0.36	0.38	0.29	0.3	0.3	0.31	1.34	0.32	0.36	0.33	0.36	0.33	0.4	0.22	0.28	0.31	0.3	0.31	0.28	0.34
	Monthly minimum	0.2	Minimum half hourly average	0.2	0.2	0.19	0.2	0.24	0.19	0.18	0.18	0.17	0.21	0.18	0.21	0.18	0.2	0.18	0.16	0.18	0.51	0.2	0.17	0.2	0.21	0.17	0.19	0.16	0.15	0.18	0.19	0.21	0.17	0.18
	Total invalid results	11.0	No. of invalid results	0	0	2	0	0	0	2	0	0	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	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	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	1.3	Daily average	0.28	0.28	0.25	0.29	0.31	0.26	0.25	0.26	0.3	0.3	0.28	0.36	0.38	0.29	0.3	0.3	0.31	1.34	0.32	0.36	0.33	0.36	0.33	0.4	0.22	0.28	0.31	0.3	0.31	0.28	0.34
	No. of invalid days	2.0	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	N	N	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)

3rd - QAL3

7th -QAL3

10th - QAL 3

18th - QAL 3

24th & 25th - Offline to fit new bin tipper

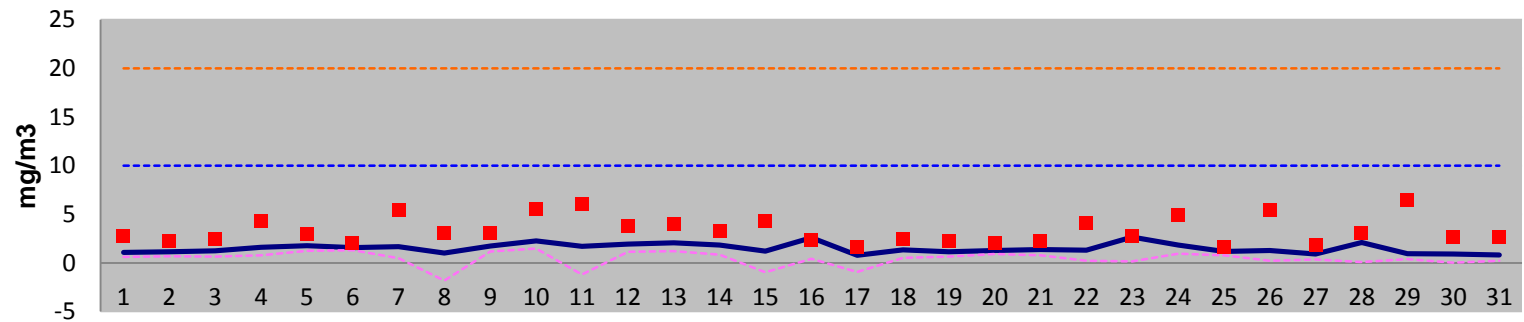
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 August 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	6.5	Maximum half hour average	2.73	2.28	2.39	4.32	2.89	2	5.41	3.05	3.04	5.52	6.06	3.81	4	3.24	4.27	2.29	1.58	2.42	2.19	2.08	2.27	4.07	2.76	4.9	1.62	5.47	1.81	3.04	6.49	2.66	2.61
	Monthly mean	1.5	Mean half hour average	1.08	1.13	1.22	1.61	1.76	1.55	1.67	1.02	1.74	2.24	1.7	1.91	2.05	1.82	1.21	2.57	0.79	1.34	1.14	1.26	1.37	1.31	2.65	1.82	1.17	1.27	0.91	2.1	0.93	0.91	0.82
	Monthly minimum	-1.8	Minimum half hourly average	0.61	0.67	0.65	0.76	1.24	1.3	0.48	-1.8	1.16	1.47	-1.2	1.14	1.2	0.85	-1	0.4	-1	0.51	0.65	0.92	0.76	0.21	0.14	0.93	0.79	0.21	0.35	0.09	0.38	0.03	0.22
	Total invalid results	11.0	No. of invalid results	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	1	0	0	0	0	1	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	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	2.7	Daily average	1.08	1.13	1.22	1.61	1.76	1.55	1.67	1.02	1.74	2.24	1.7	1.91	2.05	1.82	1.21	2.57	0.79	1.34	1.14	1.26	1.37	1.31	2.65	1.82	1.17	1.27	0.91	2.1	0.93	0.91	0.82
	No. of invalid days	2.0	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	N	N	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

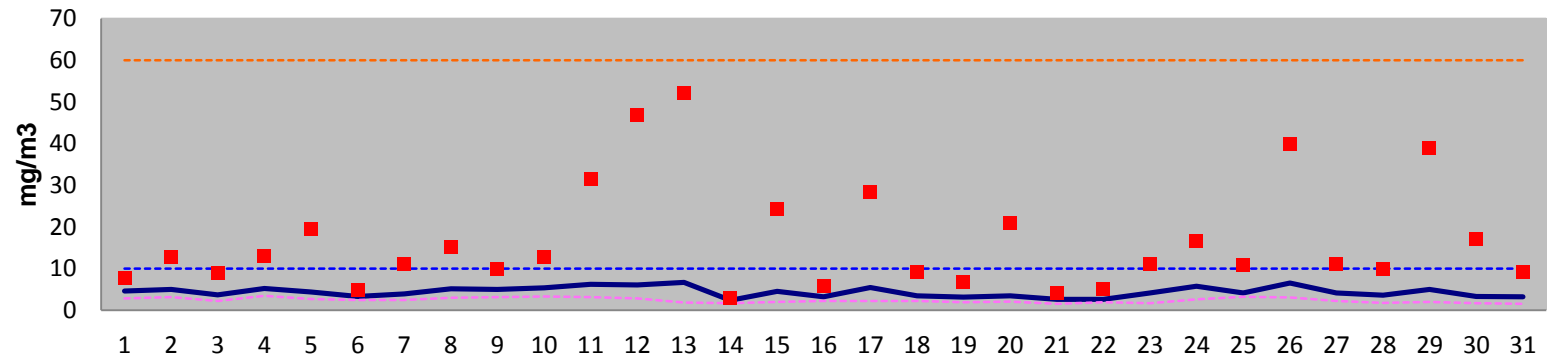
Variation Reference Number: EPR/MP3239FQ/V002

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 August 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	52.0	Maximum half hour average	7.67	12.6	8.95	12.9	19.5	4.84	11	15.3	9.94	12.7	31.4	46.8	52	2.88	24.2	5.83	28.3	9.26	6.64	21.1	4.19	4.97	11.2	16.6	10.8	39.8	11.1	9.89	39	17	9.19
	Monthly mean	4.4	Mean half hour average	4.62	5.04	3.71	5.25	4.45	3.33	3.98	5.16	5.02	5.39	6.22	6.13	6.74	2.38	4.56	3.28	5.47	3.51	3.2	3.48	2.63	2.61	4.15	5.81	4.22	6.57	4.19	3.61	4.99	3.34	3.25
	Monthly minimum	1.6	Minimum half hourly average	2.9	3.19	2.26	3.49	2.75	2.51	2.48	3.06	3.2	3.3	3.19	2.86	1.91	1.7	2.03	2.28	2.29	2.26	1.93	2.13	1.59	1.93	1.71	2.66	3.27	3.1	2.23	1.79	2.02	1.72	1.57
	Total invalid results	10.0	No. of invalid results	0	0	2	0	0	0	2	0	0	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	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	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	6.7	Daily average	4.62	5.04	3.71	5.25	4.45	3.33	3.98	5.16	5.02	5.39	6.22	6.13	6.74	2.38	4.56	3.28	5.47	3.51	3.2	3.48	2.63	2.61	4.15	5.81	4.22	6.57	4.19	3.61	4.99	3.34	3.25
	No. of invalid days	2.0	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	N	N	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.....

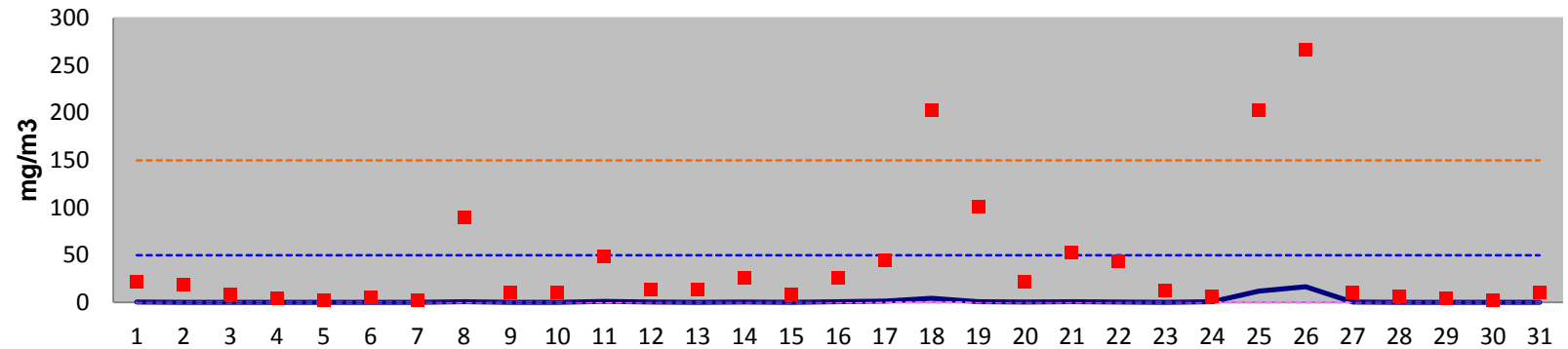
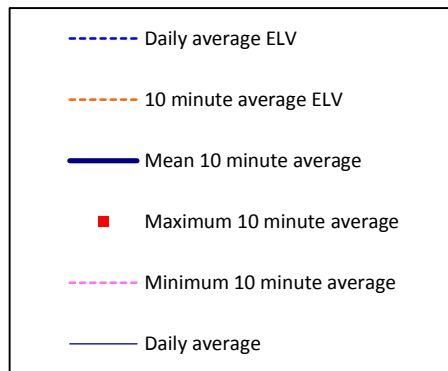
(authorised to sign as representative of the Operator)

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 August 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	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	266.3	Maximum 10 minute average	21.6	18.6	7.73	4.02	2.23	5.03	2.42	89	10.8	10.4	48.3	13.9	13.8	25.6	8.9	25.87	44.2	203	101	21.6	53.1	43.66	12.54	5.88	202	266	11.01	6.51	4.32	2.15	11	
	Monthly mean	1.4	Mean 10 minute average	0.34	0.24	0.16	0.11	0.06	0.06	0.03	0.87	0.25	0.18	1	0.45	0.29	0.51	0.14	0.74	1.42	4.44	0.88	0.6	0.82	0.63	0.3	0.67	11.9	16.8	0.56	0.21	0.09	0.04	0.09	
	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	22.0	No. of invalid results	0	0	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	11	0	0	0
	Sum of exceedances	7.1	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	5	0	0.09	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	16.8	Daily average	0.34	0.24	0.16	0.11	0.06	0.06	0.03	0.87	0.25	0.18	1	0.45	0.29	0.51	0.14	0.74	1.42	4.44	0.88	0.6	0.82	0.63	0.3	0.67	11.9	16.8	0.56	0.21	0.09	0.04	0.09	
	No. of invalid days	2.0	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	N	N	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

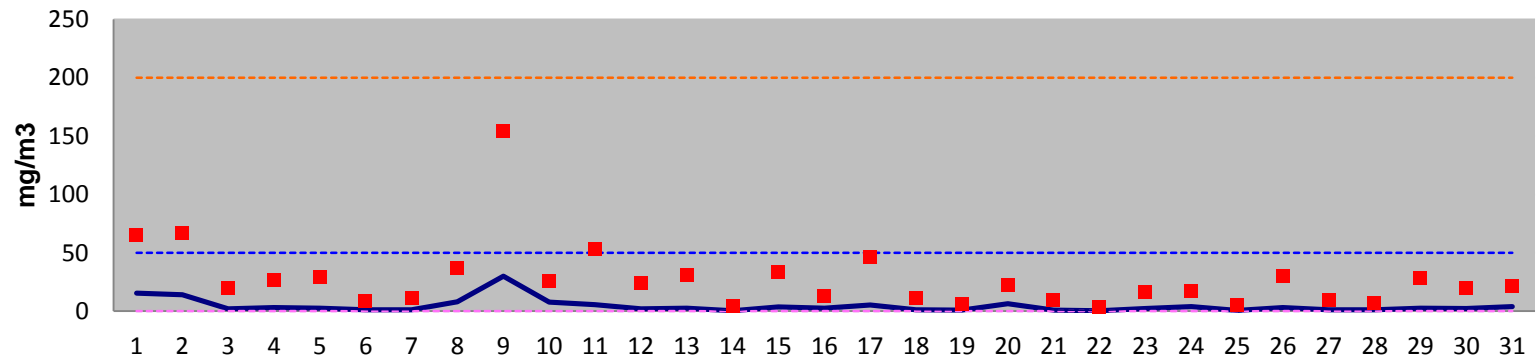
Variation Reference Number: EPR/MP3239FQ/V002

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 August 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	154.3	Maximum half hour average	65.6	67.1	20.1	26.2	28.9	8.31	11.6	37.2	154	25.4	53.1	23.9	30.6	4.06	33.4	12.6	46.1	11.2	6.39	22	9.61	3.85	16.3	16.9	4.95	30.2	9.36	6.64	28.1	19.7	21.5
	Monthly mean	4.5	Mean half hour average	15.5	14	2.09	3.13	2.6	1.11	1.26	8.05	30	7.82	5.6	1.98	2.69	0.4	3.83	2.7	5.24	1.36	1.05	6.31	1.08	0.47	2.34	3.99	0.63	3.07	1.33	1.28	2.58	2.41	4.07
	Monthly minimum	0.0	Minimum half hourly average	0	0	0	0	0	0	0	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.12	0	0
	Total invalid results	11.0	No. of invalid results	0	0	2	0	0	0	2	0	0	3	0	0	0	0	0	0	0	2	1	1	0	0	0	0	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	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	30.0	Daily average	15.5	14	2.09	3.13	2.6	1.11	1.26	8.05	30	7.82	5.6	1.98	2.69	0.4	3.83	2.7	5.24	1.36	1.05	6.31	1.08	0.47	2.34	3.99	0.63	3.07	1.33	1.28	2.58	2.41	4.07
	No. of invalid days	2.0	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	N	N	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)

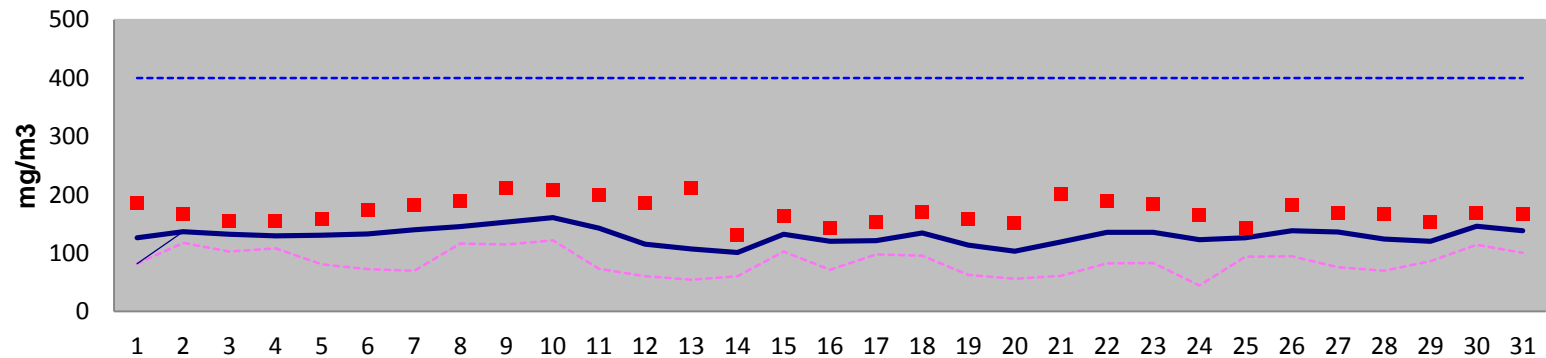
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 August 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	211.7	Maximum half hour average	187	166.8	155	154	159	174	183	190	212	208	199	185	212	132	163	142	153	170	159	152	202	189	183	165	143	182	169	166	152	168	167
	Monthly mean	129.8	Mean half hour average	126	136.56	132	129	131	133	140	145	153	161	143	115	107	101	132	120	121	135	114	103	119	136	136	123	126	139	137	124	120	146	138
	Monthly minimum	44.9	Minimum half hourly average	82	117.56	103	108	80.9	72.7	70.2	117	115	122	73.3	60.5	54.7	60.9	103	71.7	98.1	95.8	62.8	56.5	61.1	82.4	82.9	44.9	94	94.7	75.7	69.9	86.6	114	100
	Total invalid results	10.0	No. of invalid results	0	0	2	0	0	0	2	0	0	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	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	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	161.1	Daily average	82	136.56	132	129	131	133	140	145	153	161	143	115	107	101	132	120	121	135	114	103	119	136	136	123	126	139	137	124	120	146	138
	No. of invalid days	2.0	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	N	N	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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