

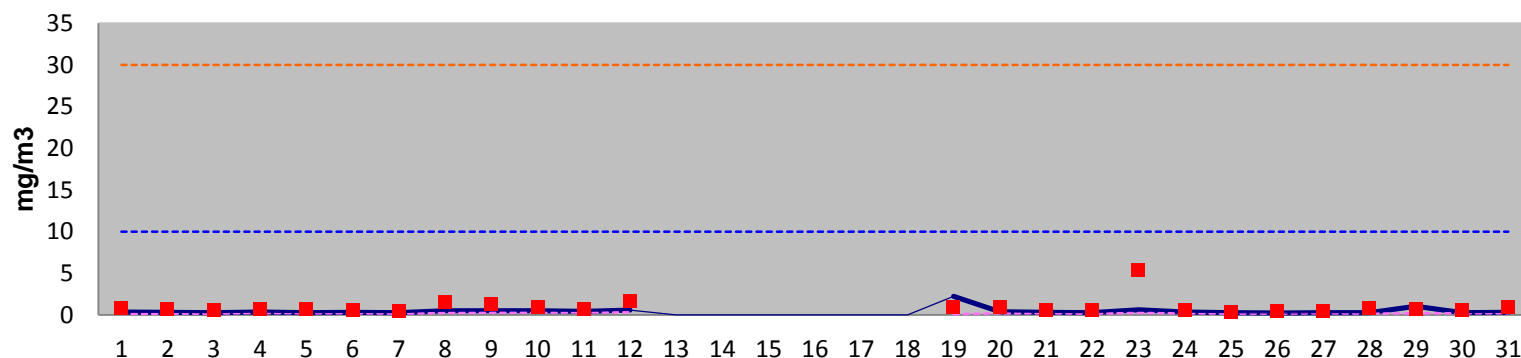
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 July 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	5.4	Maximum half hour average	0.84	0.73	0.61	0.7	0.76	0.61	0.51	1.52	1.26	0.91	0.73	1.74								0.93	0.92	0.58	0.61	5.42	0.56	0.39	0.46	0.41	0.81	0.76	0.55	0.94
	Monthly mean	0.5	Mean half hour average	0.36	0.31	0.3	0.38	0.3	0.31	0.28	0.5	0.5	0.53	0.45	0.59								2.23	0.41	0.32	0.28	0.62	0.35	0.27	0.26	0.28	0.27	1.05	0.28	0.33
	Monthly minimum	0.1	Minimum half hourly average	0.15	0.18	0.19	0.23	0.21	0.22	0.17	0.23	0.27	0.3	0.32	0.33								0.11	0.22	0.21	0.19	0.25	0.22	0.19	0.17	0.2	0.19	0.21	0.22	0.21
	Total invalid results	28.0	No. of invalid results	0	0	0	0	0	2	0	11	3	0	0	0	0	0	0	0	0	0	0	9	0	3	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	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	0.36	0.31	0.3	0.38	0.3	0.31	0.28	0.5	0.5	0.53	0.45	0.59	0	0	0	0	0	0	0	2.23	0.41	0.32	0.28	0.62	0.35	0.27	0.26	0.28	0.27	1.05	0.28	0.33
	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	N

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

02 July - Stopped loading Emissions rising due to Lime blockage.

06 July - QAL 3

08 July - Stopped loading baghouse fault / High Temps .

9 July - Stopped loading baghouse fault / High Temps

13th - 19th Shutdown & coming back online

21st - Not loading due to binlift fault

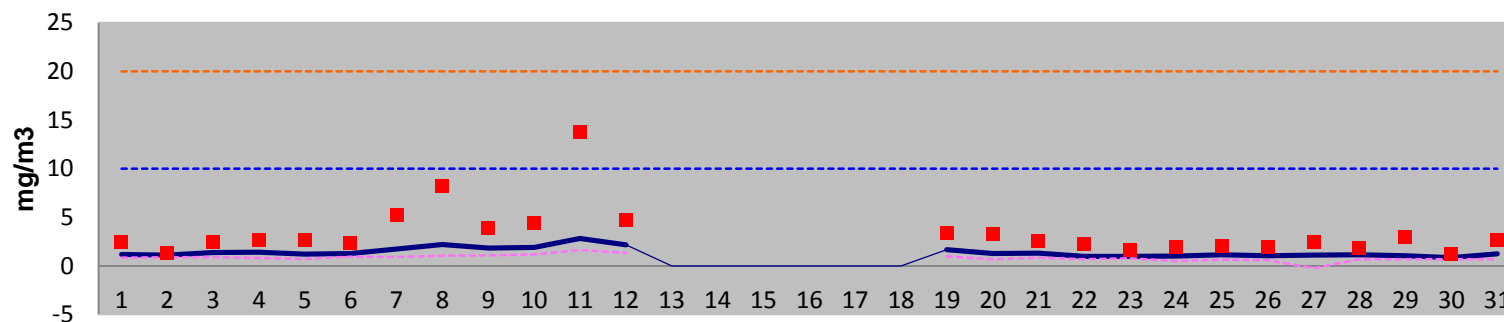
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 July 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	13.8	Maximum half hour average	2.39	1.33	2.41	2.64	2.63	2.36	5.24	8.2	3.9	4.35	13.8	4.74							3.32	3.24	2.58	2.21	1.64	1.95	1.98	1.86	2.39	1.85	2.94	1.14	2.65
	Monthly mean	1.4	Mean half hour average	1.18	1.09	1.37	1.4	1.21	1.28	1.74	2.19	1.83	1.9	2.8	2.17							1.66	1.26	1.29	0.98	0.97	1	1.15	1.05	1.1	1.13	1.05	0.85	1.22
	Monthly minimum	-0.2	Minimum half hourly average	0.85	0.86	0.91	0.81	0.72	0.94	0.9	1.05	1.07	1.16	1.63	1.34							0.97	0.66	0.84	0.67	0.76	0.49	0.63	0.58	-0.2	0.67	0.66	0.69	0.67
	Total invalid results	28.0	No. of invalid results	0	0	0	0	0	2	0	11	3	0	0	0	0	0	0	0	0	0	9	0	3	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	2.8	Daily average	1.18	1.09	1.37	1.4	1.21	1.28	1.74	2.19	1.83	1.9	2.8	2.17	0	0	0	0	0	0	1.66	1.26	1.29	0.98	0.97	1	1.15	1.05	1.1	1.13	1.05	0.85	1.22
	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
	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

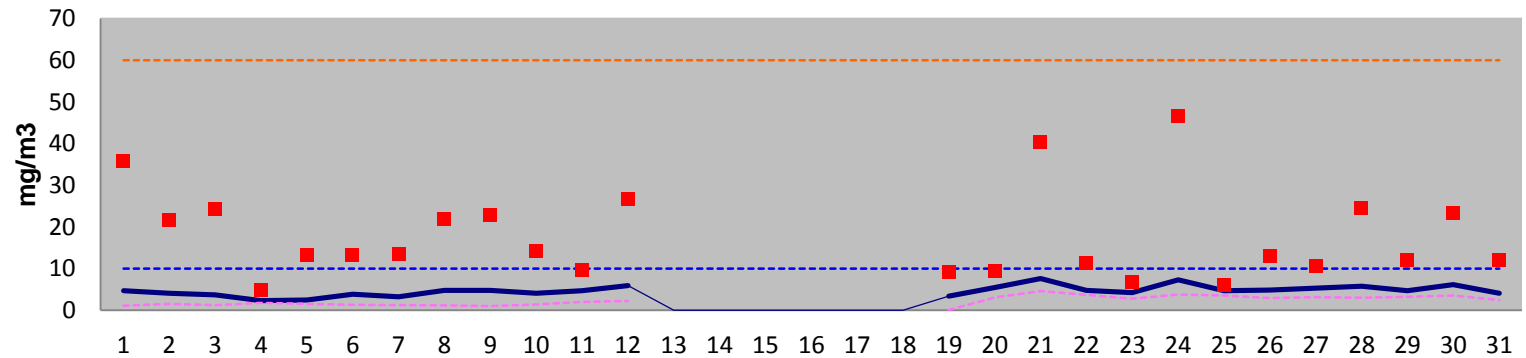
Variation Reference Number: EPR/MP3239FQ/V002

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 July 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	46.6	Maximum half hour average	35.8	21.7	24.2	4.74	13.2	13.3	13.6	21.8	23	14.3	9.73	26.6							9.06	9.48	40.5	11.3	6.69	46.6	6.02	12.9	10.6	24.5	12.1	23.4	12.2
	Monthly mean	4.7	Mean half hour average	4.74	4.1	3.72	2.35	2.5	3.9	3.26	4.77	4.83	4.11	4.69	5.97							3.41	5.45	7.61	4.83	4.25	7.31	4.7	4.9	5.32	5.78	4.69	6.21	4.12
	Monthly minimum	0.1	Minimum half hourly average	1.1	1.55	1.23	1.81	1.6	1.31	1.27	1.2	1.02	1.42	2.05	2.28							0.13	3.09	4.66	3.73	2.83	3.78	3.56	2.97	3.22	3.06	3.25	3.53	2.47
	Total invalid results	32.0	No. of invalid results	0	4	0	0	0	2	0	11	3	0	0	0	0	0	0	0	0	0	9	0	3	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	7.6	Daily average	4.74	4.1	3.72	2.35	2.5	3.9	3.26	4.77	4.83	4.11	4.69	5.97	0	0	0	0	0	0	3.41	5.45	7.61	4.83	4.25	7.31	4.7	4.9	5.32	5.78	4.69	6.21	4.12
	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)

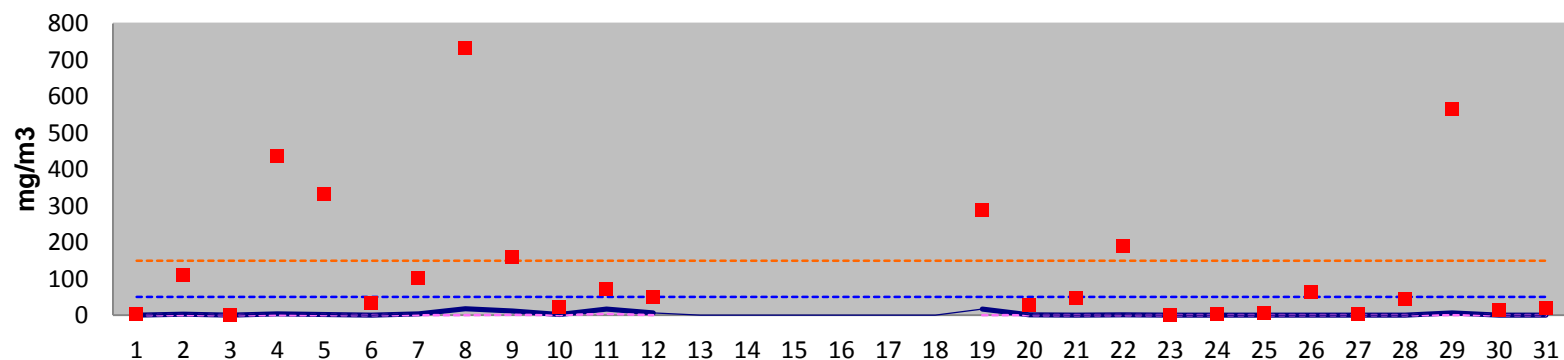
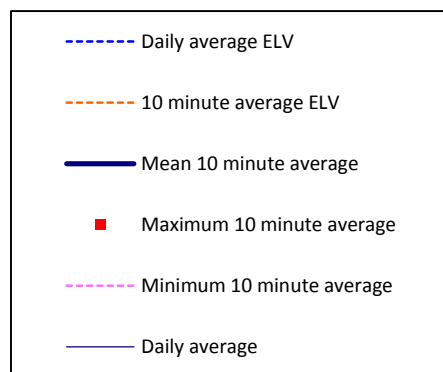
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Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of July 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	733.4	Maximum 10 minute average	3.2	109	0.4	435	331	32.5	101	733	160	20.6	71.7	50							288	28.4	48.3	188.98	1.53	3.35	4.91	62.8	3.58	45.1	565.5	12.71	19.5
	Monthly mean	3.9	Mean 10 minute average	0.08	3.02	0.01	3.81	2.43	0.54	3.7	17.7	12.1	2.23	16.9	6.37							17.4	0.98	0.45	1.66	0.04	0.18	0.07	0.8	0.15	0.47	6.15	0.14	0.5
	Monthly minimum	0.0	Minimum 10 minute average	0	0	0	0	0	0	0	0	0.87	0	3.69	0							0	0	0	0	0	0	0	0	0	0	0	0	0
	Total invalid results	80.0	No. of invalid results	0	0	0	0	0	2	0	33	9	0	0	0	0	0	0	0	0	0	27	0	9	0	0	0	0	0	0	0	0	0	0
	Sum of exceedances	8.0	No. of exceedances of ELV	0	0	0	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0	2	0	0	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	50
	Monthly maximum	17.7	Daily average	0.08	3.02	0.01	3.81	2.43	0.54	3.7	17.7	12.1	2.23	16.9	6.37	0	0	0	0	0	0	17.4	0.98	0.45	1.66	0.04	0.18	0.07	0.8	0.15	0.47	6.15	0.14	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
	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

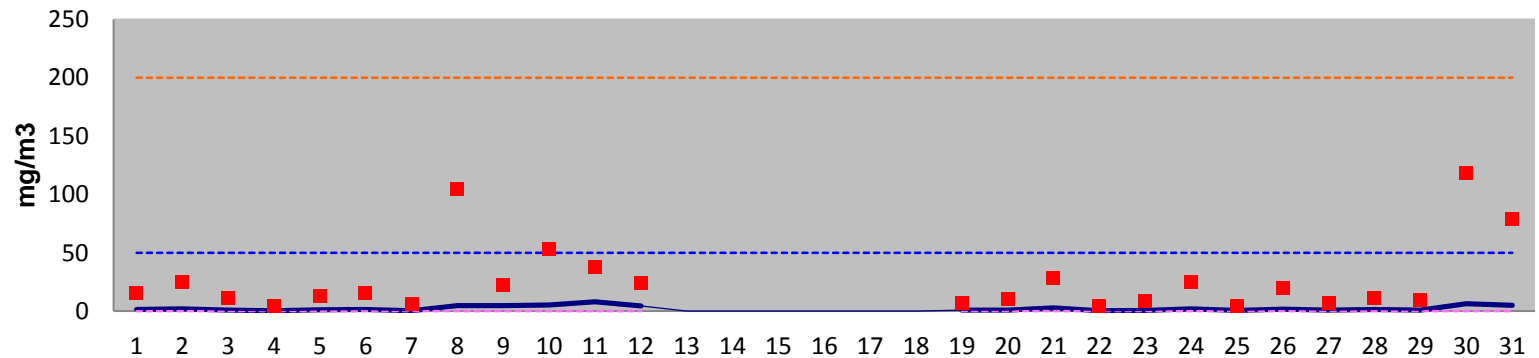
Variation Reference Number: EPR/MP3239FQ/V002

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 July 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	118.6	Maximum half hour average	16	25.3	10.9	4.12	12.7	15.9	5.64	104	21.9	53.1	38.1	23.7							7.15	10.2	28.6	4.52	8.32	25.3	4.49	20.1	6.49	11	9.58	119	79.1
	Monthly mean	2.4	Mean half hour average	1.58	2.09	1.06	0.5	1.36	1.63	0.36	4.66	4.92	5.38	8.05	4.6							0.92	0.91	2.78	0.45	0.74	1.97	0.73	1.69	0.91	1.51	1.05	6.39	4.97
	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
	Total invalid results	28.0	No. of invalid results	0	0	0	0	0	2	0	11	3	0	0	0	0	0	0	0	0	0	9	0	3	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	8.1	Daily average	1.58	2.09	1.06	0.5	1.36	1.63	0.36	4.66	4.92	5.38	8.05	4.6	0	0	0	0	0	0	0.92	0.91	2.78	0.45	0.74	1.97	0.73	1.69	0.91	1.51	1.05	6.39	4.97
	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
	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)

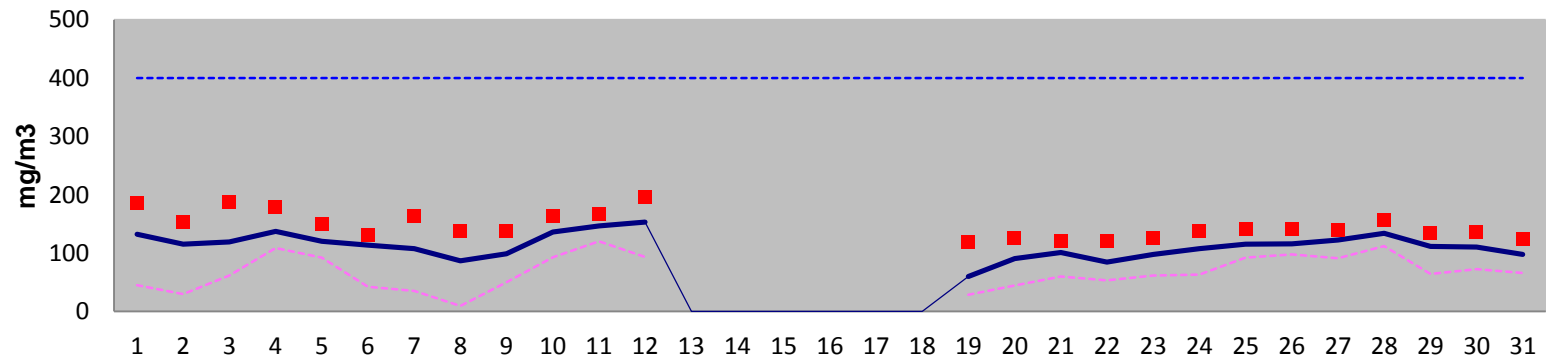
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 July 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	195.1	Maximum half hour average	186	152.84	187	178	150	130	163	138	137	163	167	195							119	125	120	121	126	138	141	141	138	157	134	136	124
	Monthly mean	112.8	Mean half hour average	132	115.18	119	137	121	114	108	86.8	99	136	147	153							59.8	90.5	101	84.9	97.9	108	116	116	123	134	112	111	97.9
	Monthly minimum	9.5	Minimum half hourly average	45.1	29.7	61.8	109	92.6	42.5	35.6	9.49	50.4	93.2	121	93.4							28.5	44.6	59.9	53.4	61.7	63.3	92.3	98.1	91.2	112	64.5	72.4	66.1
	Total invalid results	28.0	No. of invalid results	0	0	0	0	0	2	0	11	3	0	0	0	0	0	0	0	0	0	9	0	3	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	153.2	Daily average	132	115.18	119	137	121	114	108	86.8	99	136	147	153	0	0	0	0	0	0	59.8	90.5	101	84.9	97.9	108	116	116	123	134	112	111	97.9
	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)

