

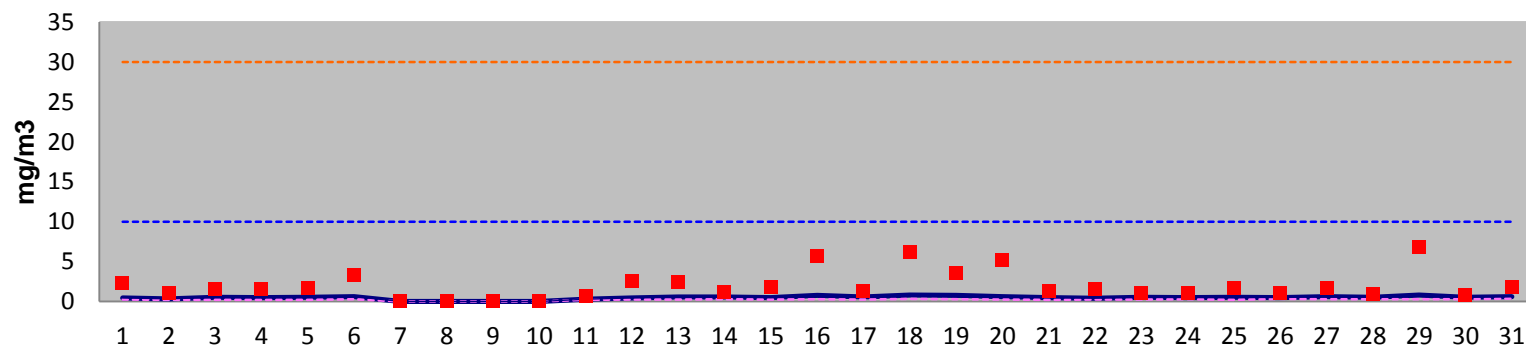
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 May 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	6.8	Maximum half hour average	2.31	1.07	1.6	1.52	1.66	3.36	0	0	0	0	0.64	2.52	2.43	1.17	1.84	5.66	1.28	6.25	3.56	5.15	1.36	1.5	1.03	1.1	1.63	0.99	1.72	0.94	6.8	0.77	1.85
	Monthly mean	0.5	Mean half hour average	0.46	0.34	0.53	0.51	0.54	0.61	0	0	0	0	0.29	0.47	0.58	0.56	0.49	0.76	0.56	0.8	0.78	0.6	0.48	0.4	0.54	0.5	0.55	0.49	0.63	0.55	0.83	0.53	0.6
	Monthly minimum	0.0	Minimum half hourly average	0.25	0.21	0.22	0.2	0.23	0.29	0	0	0	0	0.2	0.25	0.24	0.29	0.27	0.28	0.26	0.35	0.28	0.26	0.22	0.26	0.27	0.3	0.22	0.32	0.3	0.31	0.29	0.29	0.37
	Total invalid results	38.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	11	20	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	0.8	Daily average	0.46	0.34	0.53	0.51	0.54	0.61	0	0	0	0	0.29	0.47	0.58	0.56	0.49	0.76	0.56	0.8	0.78	0.6	0.48	0.4	0.54	0.5	0.55	0.49	0.63	0.55	0.83	0.53	0.6
	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)

05th May - Stopped Loading due to high emissions

07th - 11th May - Shutdown

18th - QAL 3

19th May Stopped Loading due to high Emissions

21st May - plant in shutdown chute in loader

24th May - Plant in shutdown binlift maintenance and no cbiss readings due to temperature

25th May - Plant in shutdown binlift maintenance and Cbiss Engineer on site

26th QAL 3

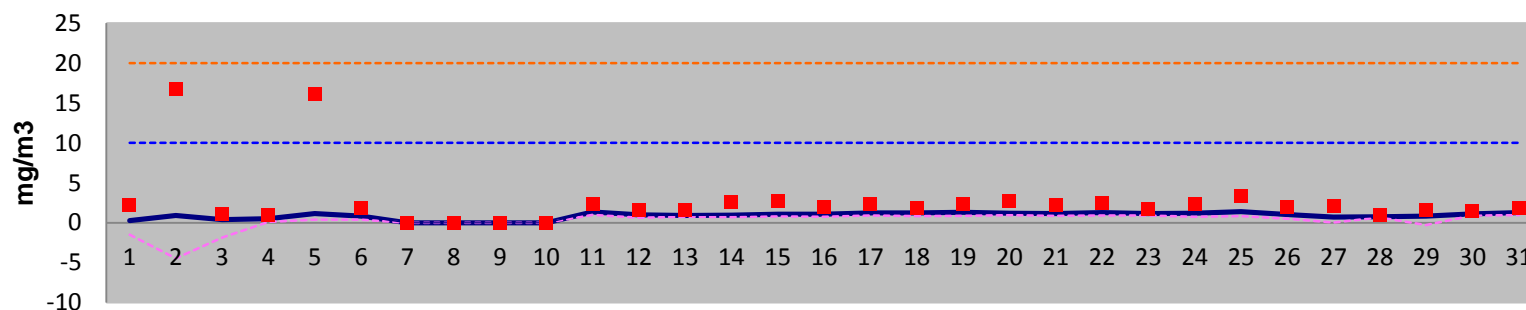
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 May 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	16.7	Maximum half hour average	2.2	16.7	1.07	0.88	16.1	1.8	0	0	0	0	2.31	1.6	1.61	2.53	2.68	1.93	2.35	1.83	2.35	2.66	2.28	2.5	1.69	2.37	3.34	2.03	2.1	1.01	1.56	1.5	1.85
	Monthly mean	0.9	Mean half hour average	0.29	0.93	0.4	0.52	1.16	0.83	0	0	0	0	1.35	0.99	0.92	0.97	1.09	1.09	1.25	1.22	1.32	1.21	1.17	1.27	1.15	1.2	1.4	1.02	0.72	0.77	0.84	1.1	1.28
	Monthly minimum	-4.4	Minimum half hourly average	-1.5	-4.4	-1.9	0.11	0.39	0.39	0	0	0	0	0.98	0.63	0.77	0.71	0.78	0.76	0.92	0.85	0.86	0.96	0.89	0.93	0.9	0.77	0.83	0.5	0.05	0.66	-0.3	0.92	0.97
	Total invalid results	38.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	11	20	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	1.4	Daily average	0.29	0.93	0.4	0.52	1.16	0.83	0	0	0	0	1.35	0.99	0.92	0.97	1.09	1.09	1.25	1.22	1.32	1.21	1.17	1.27	1.15	1.2	1.4	1.02	0.72	0.77	0.84	1.1	1.28
	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
	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

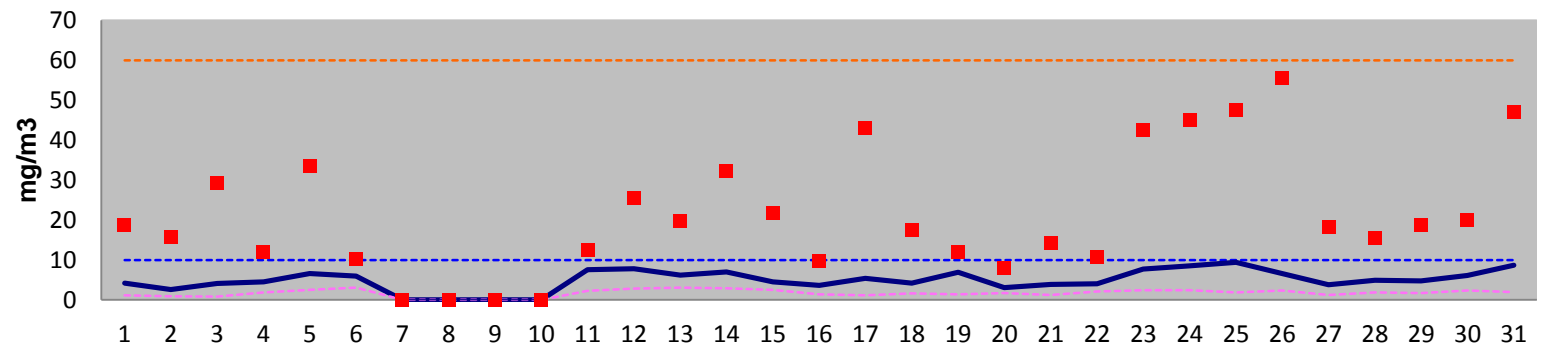
Variation Reference Number: EPR/MP3239FQ/V002

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 May 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	55.5	Maximum half hour average	18.7	15.7	29.3	12	33.4	10.1	0	0	0	0	12.4	25.4	19.8	32.1	21.7	9.62	43.1	17.6	11.9	8.02	14.1	10.8	42.5	45	47.5	55.5	18.2	15.5	18.8	19.9	47.2
	Monthly mean	4.9	Mean half hour average	4.23	2.6	4.09	4.52	6.58	5.93	0	0	0	0	7.54	7.81	6.22	7	4.5	3.65	5.41	4.21	6.94	3.09	3.9	4.04	7.75	8.55	9.43	6.61	3.79	4.94	4.72	6.09	8.67
	Monthly minimum	0.0	Minimum half hourly average	1.11	0.9	0.82	1.85	2.53	3.04	0	0	0	0	2.29	2.85	3.06	2.93	2.49	1.4	1.14	1.64	1.4	1.74	1.21	2.09	2.42	2.44	1.9	2.34	1.24	1.88	1.73	2.37	1.98
	Total invalid results	37.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	0	11	20	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	9.4	Daily average	4.23	2.6	4.09	4.52	6.58	5.93	0	0	0	0	7.54	7.81	6.22	7	4.5	3.65	5.41	4.21	6.94	3.09	3.9	4.04	7.75	8.55	9.43	6.61	3.79	4.94	4.72	6.09	8.67
	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
	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)

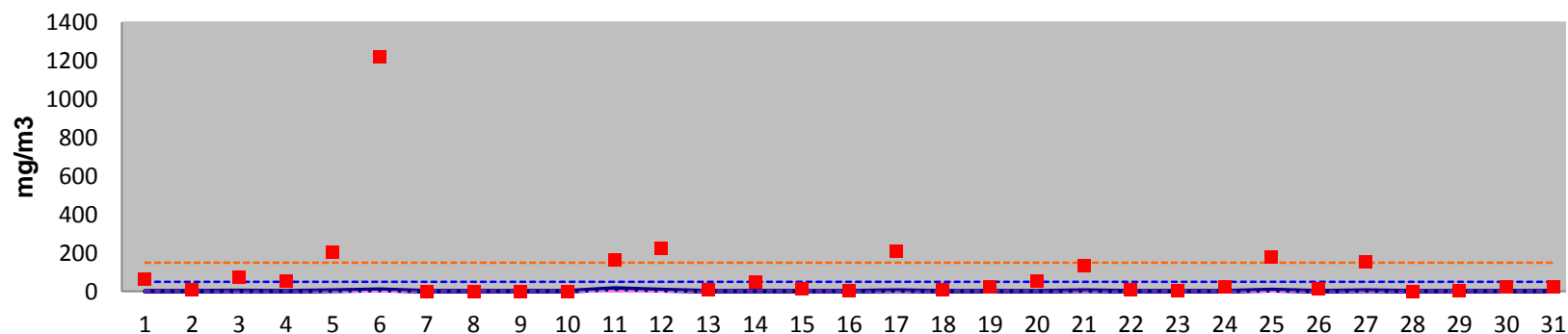
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 May 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	1221.3	Maximum 10 minute average	66	8.7	75.2	50.4	202	1221	0	0	0	0	163	225	6.67	49.7	13.9	2.47	207	8.69	24.34	53.1	132.66	6.2	2.08	22.1	181	12	154	0.34	3.5	22.36
	Monthly mean	2.0	Mean 10 minute average	0.57	0.5	1.68	0.45	3.03	8.64	0	0	0	0	14.8	6.76	0.24	1	0.54	0.07	4.46	0.23	0.48	0.91	4.02	0.31	0.06	0.58	6.61	0.45	3.32	0	0.05	0.3
	Monthly minimum	0.0	Minimum 10 minute average	0	0	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total invalid results	110.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	11	0	0	30	66	0	0	0	0	0
	Sum of exceedances	6.0	No. of exceedances of ELV	0	0	0	0	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	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	14.8	Daily average	0.57	0.5	1.68	0.45	3.03	8.64	0	0	0	0	14.8	6.76	0.24	1	0.54	0.07	4.46	0.23	0.48	0.91	4.02	0.31	0.06	0.58	6.61	0.45	3.32	0	0.05	0.3
	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

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



31
150
24.5
0.44
0
0
0
50
0.44
Y
N

Permit Reference no: WP3836ZF

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

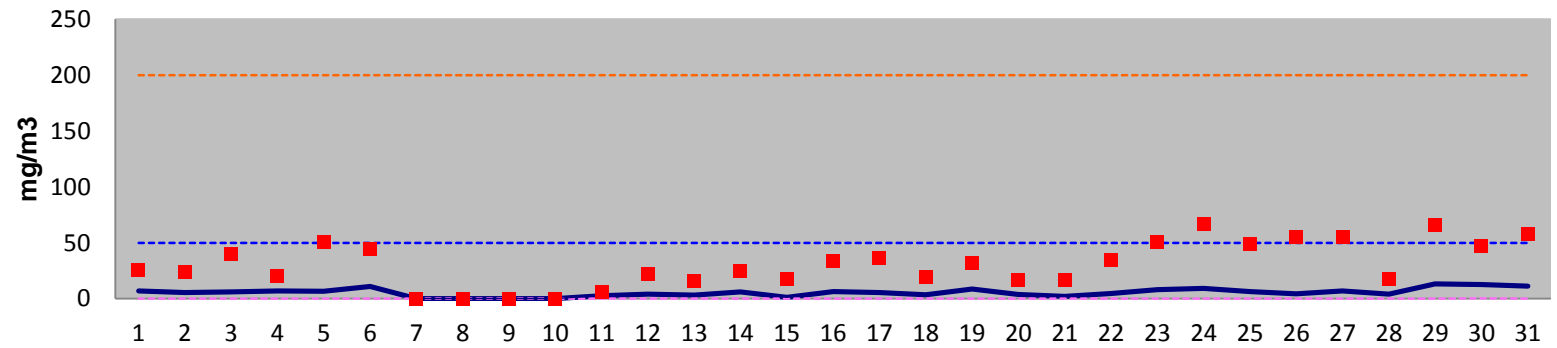
Variation Reference Number: EPR/MP3239FQ/V002

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 May 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	66.9	Maximum half hour average	25.4	23.9	40	20.4	50.4	44.5	0	0	0	0	6.08	21.7	15.6	24.6	17.3	33.4	36.4	19.1	31.5	16.6	16.8	35	50.6	66.9	49.2	54.8	55.5	17.1	66	46.9	57.8
	Monthly mean	5.6	Mean half hour average	6.96	5.62	6.23	7.08	6.68	10.9	0	0	0	0	2.74	4.23	3.2	6.14	1.34	6.3	5.65	3.57	8.64	3.94	2.24	4.55	8.01	9.31	6.31	4.38	6.84	4.04	13.3	12.6	11.3
	Monthly minimum	0.0	Minimum half hourly average	0	0	0	0	0	0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.07	0	0	0	0	0.05	0.08	0.25	0
	Total invalid results	38.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	11	20	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	13.3	Daily average	6.96	5.62	6.23	7.08	6.68	10.9	0	0	0	0	2.74	4.23	3.2	6.14	1.34	6.3	5.65	3.57	8.64	3.94	2.24	4.55	8.01	9.31	6.31	4.38	6.84	4.04	13.3	12.6	11.3
	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)

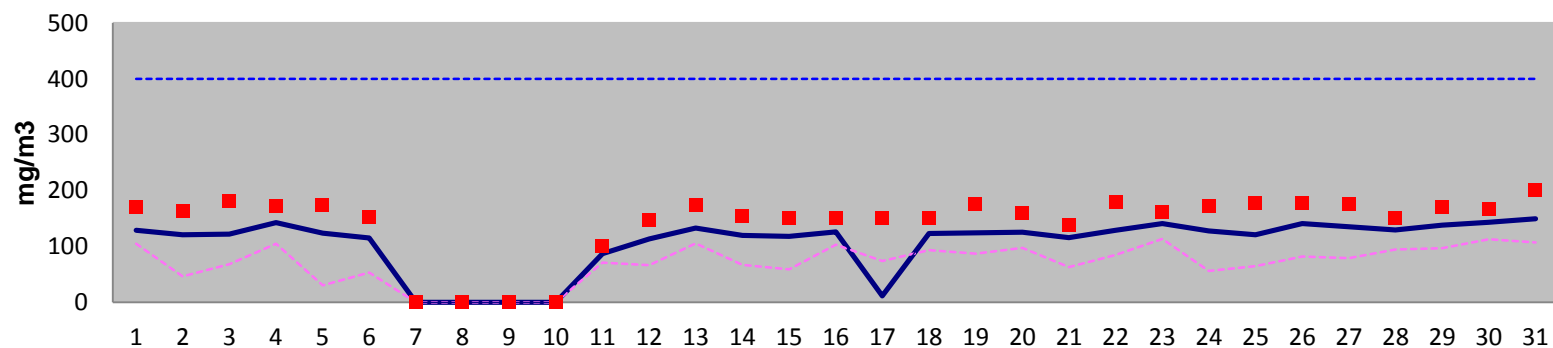
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / 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 May 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	200.7	Maximum half hour average	170	163.8	181	172	174	153	0	0	0	0	101	146	174	154	150	151	150	151	176	160	139	180	161	172	178	178	176	150	171	167	201
	Monthly mean	106.8	Mean half hour average	129	120.8	122	143	124	116	0	0	0	0	87.3	114	133	120	118	126	11.5	124	125	126	116	129	141	128	121	141	135	130	138	143	150
	Monthly minimum	0.0	Minimum half hourly average	105	46.45	68.4	105	30.4	53.5	0	0	0	0	71.2	66.7	105	67.4	59.4	103	74	93.3	87.1	97.4	62.9	85.2	113	56.1	64.7	81.9	79.5	94.5	97.1	113	107
	Total invalid results	38.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	11	20	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	149.9	Daily average	129	120.8	122	143	124	116	0	0	0	0	87.3	114	133	120	118	126	11.5	124	125	126	116	129	141	128	121	141	135	130	138	143	150
	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	
	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)

