

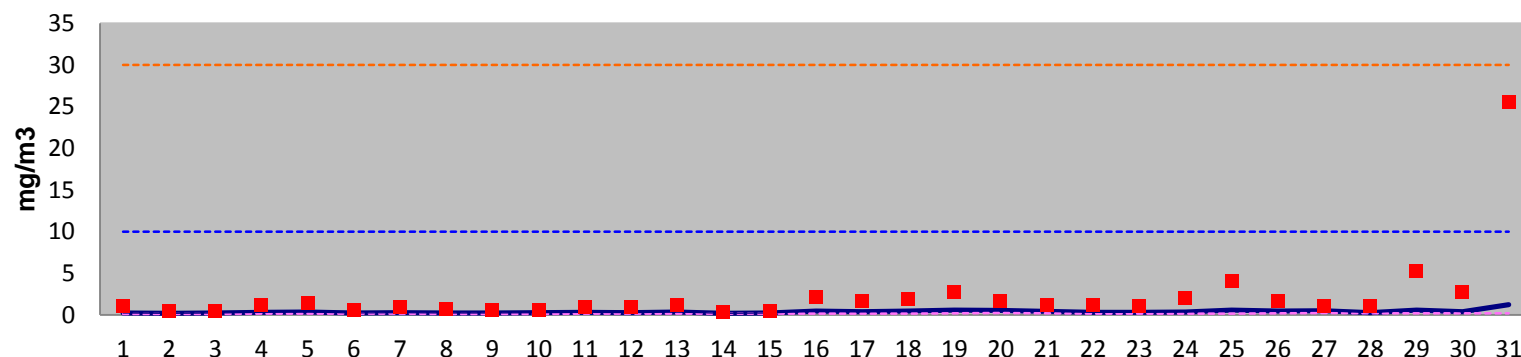
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 2018

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	25.6	Maximum half hour average	1.05	0.41	0.42	1.16	1.45	0.55	0.96	0.68	0.6	0.6	0.91	1	1.18	0.33	0.44	2.13	1.66	1.87	2.8	1.66	1.24	1.18	1.1	2.03	4.03	1.63	1.06	1.04	5.31	2.74	25.6
	Monthly mean	0.4	Mean half hour average	0.25	0.21	0.23	0.34	0.37	0.25	0.28	0.24	0.26	0.29	0.33	0.3	0.35	0.2	0.25	0.48	0.41	0.48	0.61	0.57	0.44	0.32	0.34	0.37	0.59	0.47	0.51	0.28	0.61	0.41	1.24
	Monthly minimum	0.1	Minimum half hourly average	0.15	0.14	0.15	0.17	0.18	0.18	0.16	0.13	0.15	0.15	0.17	0.17	0.16	0.16	0.16	0.17	0.19	0.19	0.21	0.25	0.22	0.17	0.16	0.16	0.18	0.2	0.23	0.2	0.22	0.2	0.21
	Total invalid results	6.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	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	1.2	Daily average	0.25	0.21	0.23	0.34	0.37	0.25	0.28	0.24	0.26	0.29	0.33	0.3	0.35	0.2	0.25	0.48	0.41	0.48	0.61	0.57	0.44	0.32	0.34	0.37	0.59	0.47	0.51	0.28	0.61	0.41	1.24
	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	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)

12th January - QAL 3

18th January - QAL 3

29th January - Checking Erthanet cable to Lime/Carbon Panel Abnormal Ops reported

30th January - QAL 3

31st January - Cbiss Enginner carrying out Maintenance checks

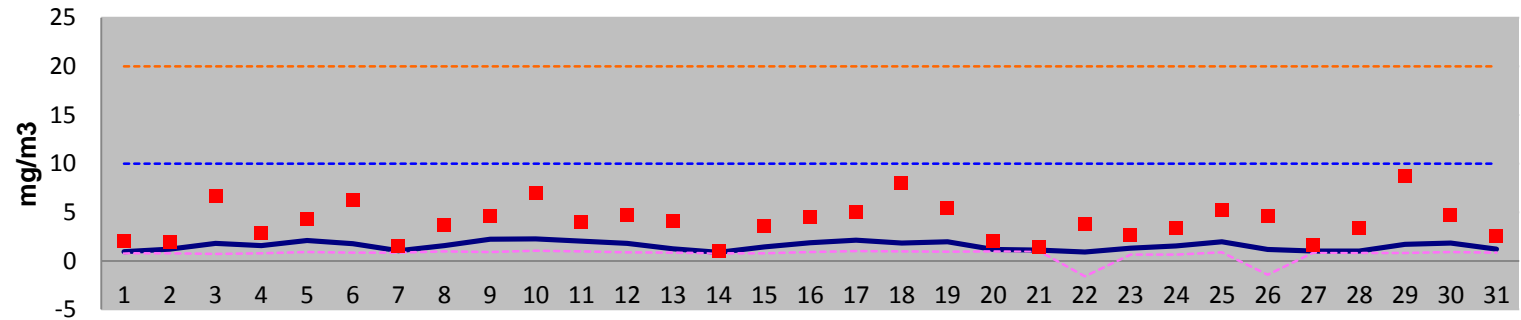
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 2018

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	8.7	Maximum half hour average	2.01	1.9	6.61	2.79	4.26	6.27	1.54	3.67	4.63	6.97	3.99	4.74	4.06	1.01	3.56	4.44	4.98	7.95	5.37	1.98	1.4	3.78	2.66	3.36	5.16	4.6	1.6	3.4	8.67	4.75	2.58
	Monthly mean	1.5	Mean half hour average	0.94	1.21	1.79	1.55	2.08	1.77	1.04	1.56	2.23	2.26	2.01	1.78	1.24	0.88	1.43	1.85	2.13	1.83	1.95	1.17	1.09	0.9	1.29	1.53	1.95	1.2	1	1.02	1.71	1.84	1.2
	Monthly minimum	-1.6	Minimum half hourly average	0.78	0.77	0.72	0.77	0.9	0.84	0.84	0.96	0.92	1.05	0.97	0.88	0.84	0.78	0.76	0.91	0.99	0.96	0.94	0.98	0.99	-1.6	0.65	0.63	0.87	-1	0.8	0.81	0.82	0.91	0.85
	Total invalid results	6.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	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	2.3	Daily average	0.94	1.21	1.79	1.55	2.08	1.77	1.04	1.56	2.23	2.26	2.01	1.78	1.24	0.88	1.43	1.85	2.13	1.83	1.95	1.17	1.09	0.9	1.29	1.53	1.95	1.2	1	1.02	1.71	1.84	1.2
	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	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

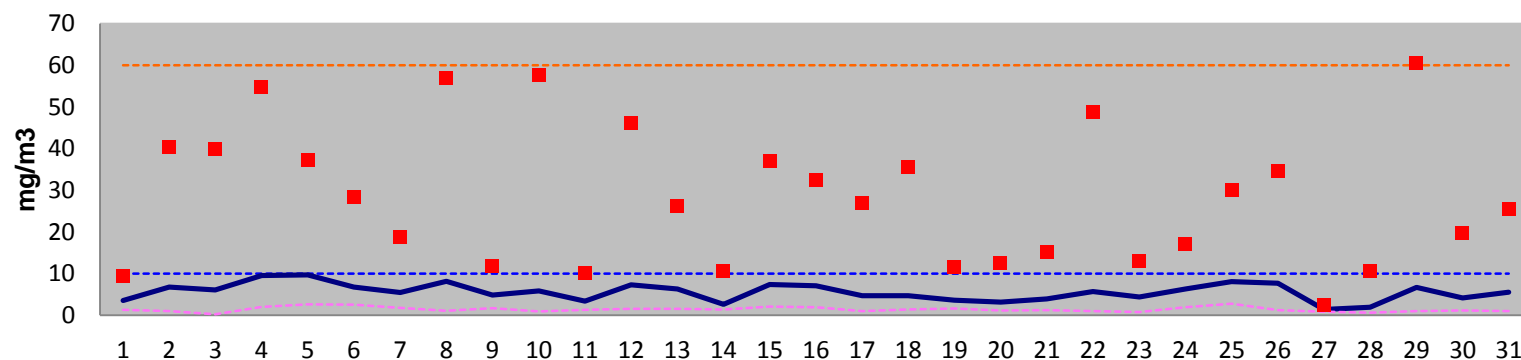
Variation Reference Number: EPR/MP3239FQ/V002

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 2018

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	60.5	Maximum half hour average	9.42	40.4	39.8	54.7	37.2	28.4	18.8	56.9	11.9	57.5	10.1	46	26.2	10.6	37.1	32.3	26.9	35.4	11.5	12.5	15.2	48.8	13.2	17.2	30	34.7	2.48	10.7	60.5	19.8	25.4
	Monthly mean	5.6	Mean half hour average	3.57	6.8	6.14	9.53	9.69	6.81	5.49	8.17	4.88	5.84	3.44	7.31	6.36	2.62	7.39	7.08	4.7	4.74	3.64	3.19	3.94	5.69	4.41	6.33	8.06	7.73	1.45	1.92	6.7	4.2	5.6
	Monthly minimum	0.3	Minimum half hourly average	1.31	1.04	0.25	2.07	2.63	2.54	1.83	1.08	1.76	0.98	1.36	1.61	1.58	1.39	2.14	1.96	1.01	1.4	1.62	1.21	1.28	1	0.78	1.94	2.81	1.29	0.87	0.63	1.01	1.18	1
	Total invalid results	6.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	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	9.7	Daily average	3.57	6.8	6.14	9.53	9.69	6.81	5.49	8.17	4.88	5.84	3.44	7.31	6.36	2.62	7.39	7.08	4.7	4.74	3.64	3.19	3.94	5.69	4.41	6.33	8.06	7.73	1.45	1.92	6.7	4.2	5.6
	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	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

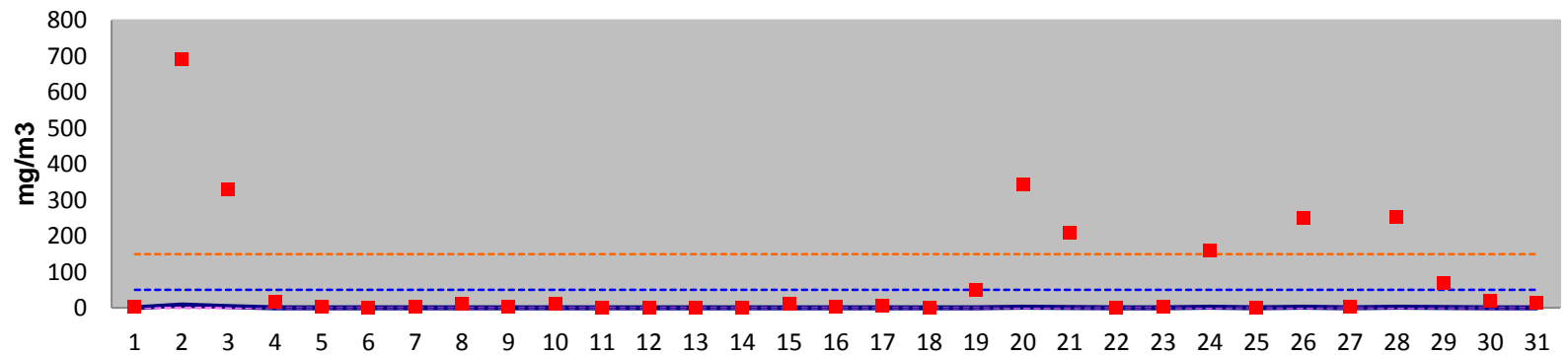
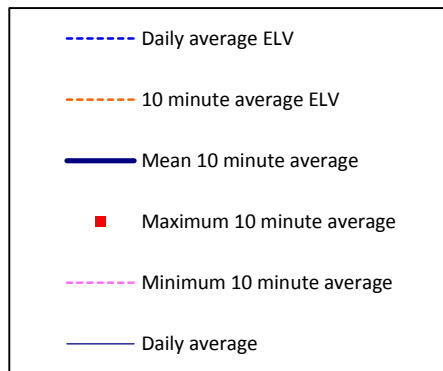
Signed..... Date.....

(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

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	692.4	Maximum 10 minute average	2.28	692	329	17.4	2.84	0.06	4.39	11.4	4.1	11.6	0.43	2.08	1.07	0.1	11.8	4.75	5.8	0.81	50.75	344	210	0.06	3.5	159	0.18	250	2.75	252	69.19	18.7	14.5
	Monthly mean	0.8	Mean 10 minute average	0.06	8.21	3.97	0.22	0.04	0	0.04	0.21	0.04	0.13	0	0.04	0.01	0	0.11	0.07	0.08	0.02	0.49	2.41	1.47	0	0.03	1.93	0	1.78	0.03	2.2	1.25	0.13	0.2
	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	8.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0
	Sum of exceedances	8.0	No. of exceedances of ELV	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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	50
	Monthly maximum	8.2	Daily average	0.06	8.21	3.97	0.22	0.04	0	0.04	0.21	0.04	0.13	0	0.04	0.01	0	0.11	0.07	0.08	0.02	0.49	2.41	1.47	0	0.03	1.93	0	1.78	0.03	2.2	1.25	0.13	0.2
	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	Y
	Sum of exceedances	1.0	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	Y	N	N	N	N	N	N	N	N	N

Signed..... Date.....

(authorised to sign as representative of the Operator)

0.8

Permit Reference no: WP3836ZF

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

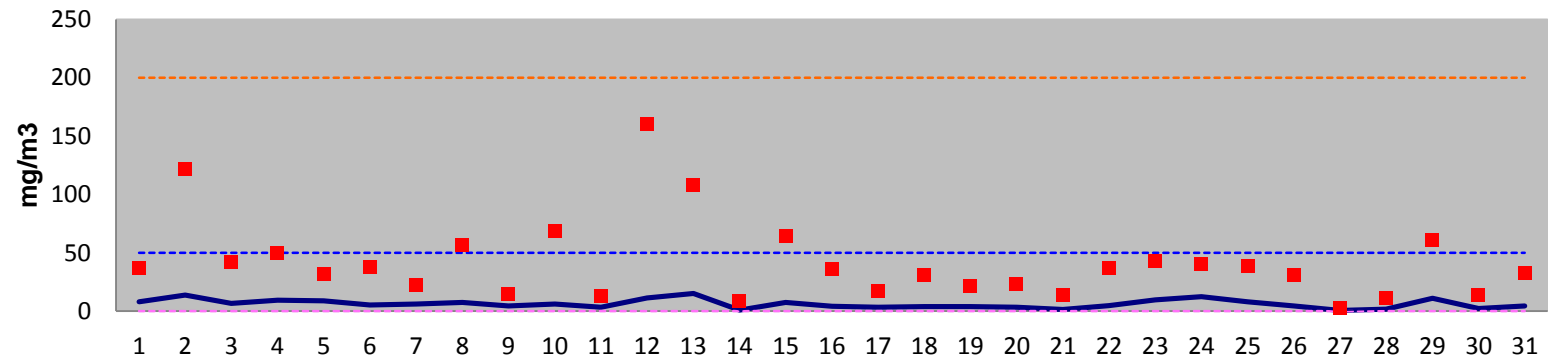
Variation Reference Number: EPR/MP3239FQ/V002

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 2018

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	160.5	Maximum half hour average	37.4	122	42	50.1	32.2	37.5	22.6	57.1	14.3	68.6	12.9	161	108	8.41	64.5	36.6	17.4	31.1	21.4	23.7	14	37.3	43.2	40.5	38.3	30.7	2.57	10.9	61	13.4	33
	Monthly mean	6.3	Mean half hour average	8.02	13.7	6.76	9.34	8.79	5.44	6.28	7.54	4.58	6.27	3.33	11.4	15.3	0.82	7.59	4.37	3.36	4.02	4	3.43	1.54	4.9	9.78	12.5	7.96	4.42	0.55	1.64	11.1	2.41	4.48
	Monthly minimum	0.0	Minimum half hourly average	0.26	0.04	0	0	0.2	0.2	0.22	0	0	0.05	0.02	0.2	0.01	0	0	0.22	0.01	0.02	0	0.11	0	0.03	0.01	0.18	0	0	0	0	0.01	0	0
	Total invalid results	6.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	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	15.3	Daily average	8.02	13.7	6.76	9.34	8.79	5.44	6.28	7.54	4.58	6.27	3.33	11.4	15.3	0.82	7.59	4.37	3.36	4.02	4	3.43	1.54	4.9	9.78	12.5	7.96	4.42	0.55	1.64	11.1	2.41	4.48
	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	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)

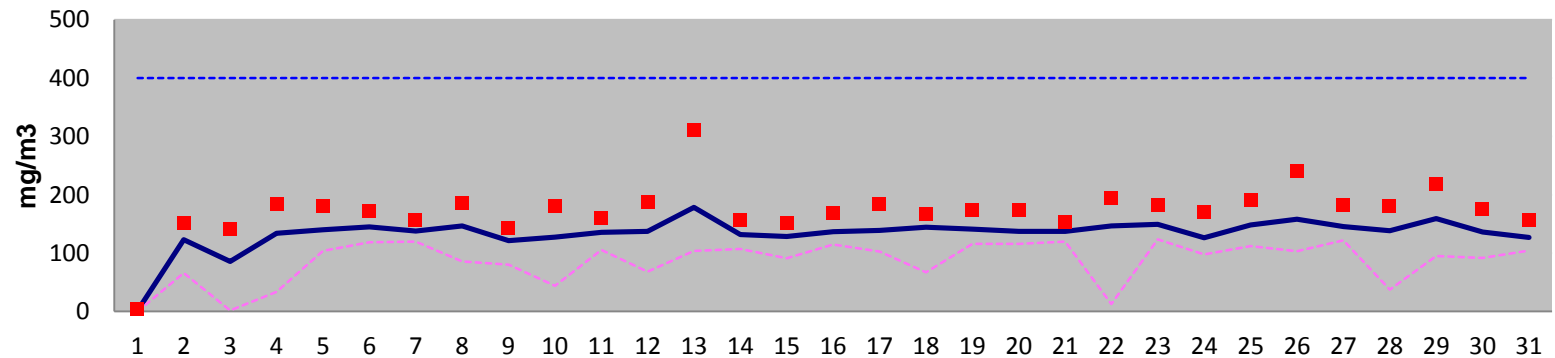
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 2018

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	310.2	Maximum half hour average	4.17	151.19	141	184	180	173	156	186	143	181	161	188	310	157	152	168	185	167	173	173	154	193	182	170	191	240	182	180	218	175	156
	Monthly mean	133.7	Mean half hour average	1.8	122.91	85.6	134	140	145	138	147	121	127	136	138	179	132	129	137	139	145	141	137	137	146	149	126	148	158	145	138	159	136	127
	Monthly minimum	0.3	Minimum half hourly average	0.28	65.98	1.86	33.9	104	119	120	86.1	80.4	44.1	106	68	104	107	91.5	115	103	67.4	116	116	120	12.9	123	97.9	112	103	122	37.6	95.2	91.8	104
	Total invalid results	8.0	No. of invalid results	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	0	0	2	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	178.7	Daily average	1.8	122.91	85.6	134	140	145	138	147	121	127	136	138	179	132	129	137	139	145	141	137	137	146	149	126	148	158	145	138	159	136	127
	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)

133.7