

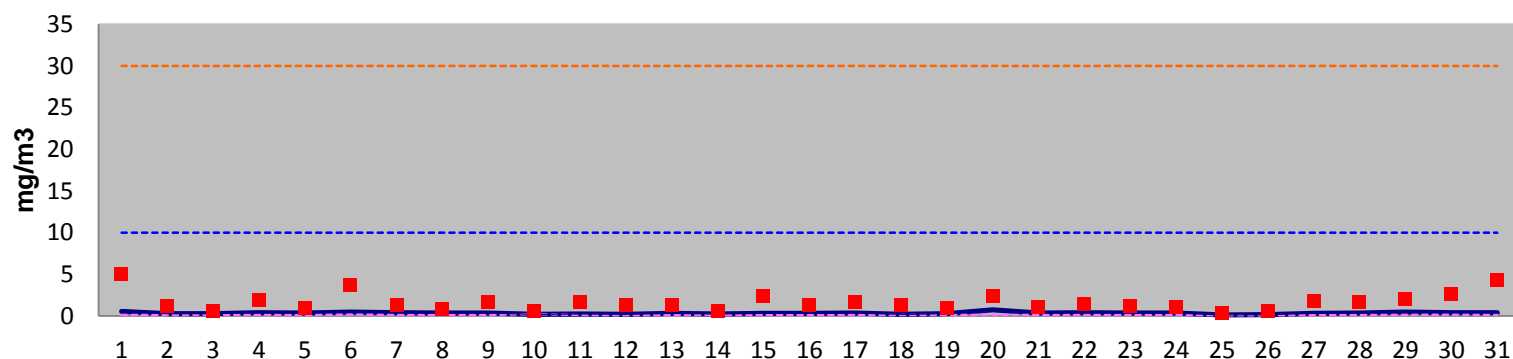
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 December 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	5.0	Maximum half hour average	4.98	1.15	0.63	1.87	0.91	3.75	1.3	0.8	1.65	0.52	1.7	1.33	1.27	0.53	2.41	1.33	1.69	1.31	1.01	2.39	1.12	1.39	1.17	1.03	0.32	0.63	1.75	1.61	2.04	2.64	4.33
	Monthly mean	0.3	Mean half hour average	0.55	0.3	0.3	0.42	0.37	0.46	0.42	0.36	0.38	0.2	0.26	0.21	0.34	0.23	0.32	0.33	0.37	0.21	0.28	0.73	0.38	0.39	0.35	0.36	0.13	0.16	0.31	0.38	0.49	0.4	0.39
	Monthly minimum	0.1	Minimum half hourly average	0.14	0.14	0.16	0.15	0.14	0.18	0.15	0.14	0.14	0.23	0.12	0.1	0.14	0.14	0.15	0.14	0.15	0.13	0.13	0.14	0.13	0.14	0.14	0.12	0.09	0.1	0.12	0.14	0.14	0.16	0.15
	Total invalid results	4.0	No. of invalid results	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	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	0.7	Daily average	0.55	0.3	0.3	0.42	0.37	0.46	0.42	0.36	0.38	0.2	0.26	0.21	0.34	0.23	0.32	0.33	0.37	0.21	0.28	0.73	0.38	0.39	0.35	0.36	0.13	0.16	0.31	0.38	0.49	0.4	0.39
	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)

8th December - QAL 3

12th December - Cems gas bottle needed changing.

15th December - QAL3

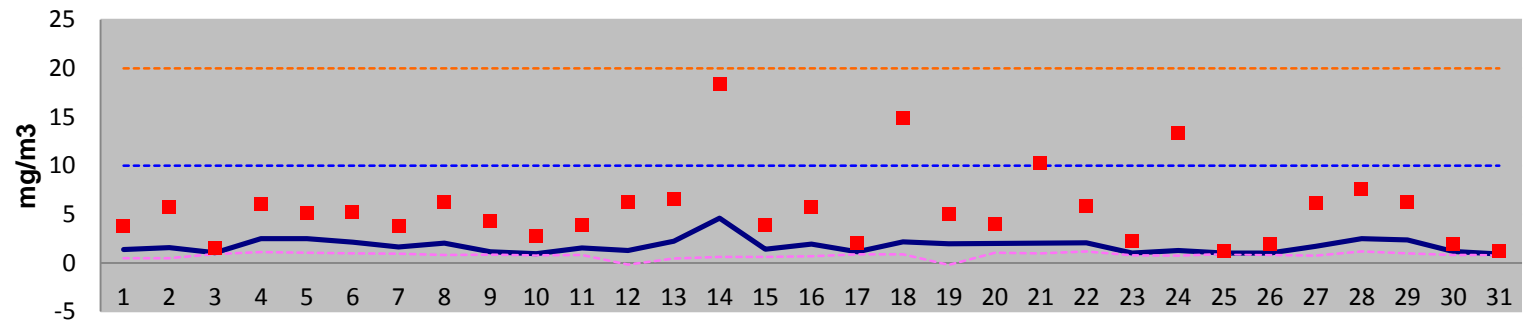
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

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 December 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	18.3	Maximum half hour average	3.8	5.71	1.48	5.98	5.13	5.18	3.78	6.21	4.23	2.73	3.92	6.22	6.55	18.3	3.9	5.72	1.98	14.9	5.05	4.02	10.2	5.82	2.19	13.3	1.22	1.88	6.13	7.61	6.24	1.91	1.2
	Monthly mean	1.7	Mean half hour average	1.37	1.56	1.04	2.47	2.5	2.12	1.63	2.02	1.13	0.94	1.53	1.28	2.21	4.58	1.41	1.92	1.13	2.16	1.97	2	2.03	2.06	0.99	1.27	1.02	1.01	1.7	2.49	2.36	1.18	0.91
	Monthly minimum	-0.2	Minimum half hourly average	0.49	0.48	0.91	1.1	1.05	0.98	0.94	0.82	0.83	0.78	0.81	-0.2	0.46	0.62	0.61	0.67	0.87	0.88	-0.2	1.05	0.98	1.18	0.79	0.73	0.91	0.8	0.73	1.18	0.98	0.81	0.8
	Total invalid results	4.0	No. of invalid results	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	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	4.6	Daily average	1.37	1.56	1.04	2.47	2.5	2.12	1.63	2.02	1.13	0.94	1.53	1.28	2.21	4.58	1.41	1.92	1.13	2.16	1.97	2	2.03	2.06	0.99	1.27	1.02	1.01	1.7	2.49	2.36	1.18	0.91
	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

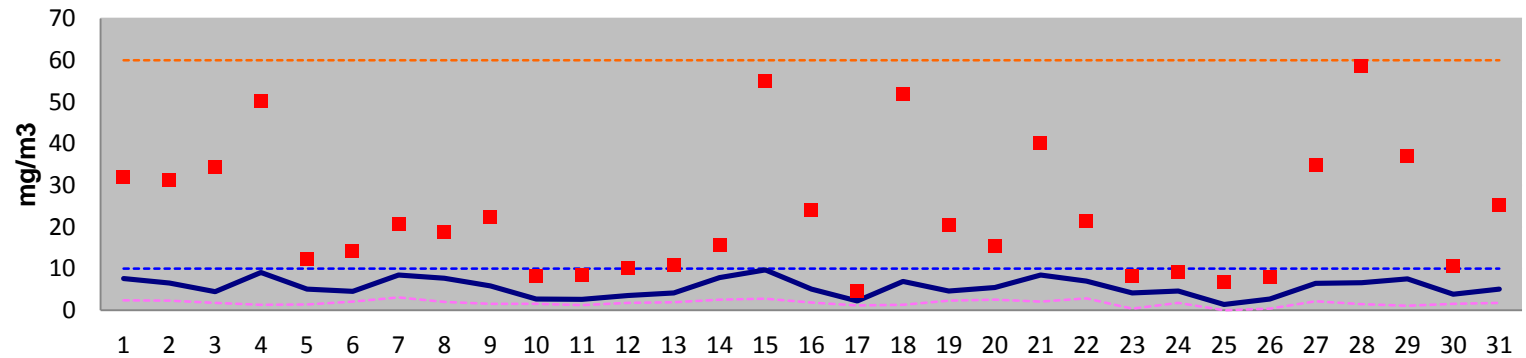
Variation Reference Number: EPR/MP3239FQ/V002

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 December 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	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	60
Half-hourly average	Monthly maximum	58.5	Maximum half hour average	31.9	31.3	34.5	50.2	12.4	14.2	20.6	18.6	22.2	8.16	8.49	10.1	10.8	15.7	55.1	24	4.6	51.8	20.4	15.5	40.2	21.5	8.19	9.05	6.81	7.9	34.8	58.5	36.9	10.6	25.2
	Monthly mean	5.6	Mean half hour average	7.63	6.57	4.5	9.11	5.09	4.6	8.48	7.75	5.87	2.76	2.61	3.56	4.19	7.9	9.73	5.1	2.27	6.93	4.68	5.5	8.49	7.05	4.19	4.66	1.41	2.72	6.52	6.62	7.56	3.86	5.13
	Monthly minimum	0.0	Minimum half hourly average	2.44	2.31	1.81	1.36	1.41	2.08	3.11	2.03	1.56	1.6	1.3	1.8	1.97	2.59	2.8	1.89	1.16	1.31	2.36	2.54	2.14	2.89	0.43	1.84	0.03	0.39	2.22	1.53	1.11	1.57	1.84
	Total invalid results	4.0	No. of invalid results	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	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	9.7	Daily average	7.63	6.57	4.5	9.11	5.09	4.6	8.48	7.75	5.87	2.76	2.61	3.56	4.19	7.9	9.73	5.1	2.27	6.93	4.68	5.5	8.49	7.05	4.19	4.66	1.41	2.72	6.52	6.62	7.56	3.86	5.13
	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.....

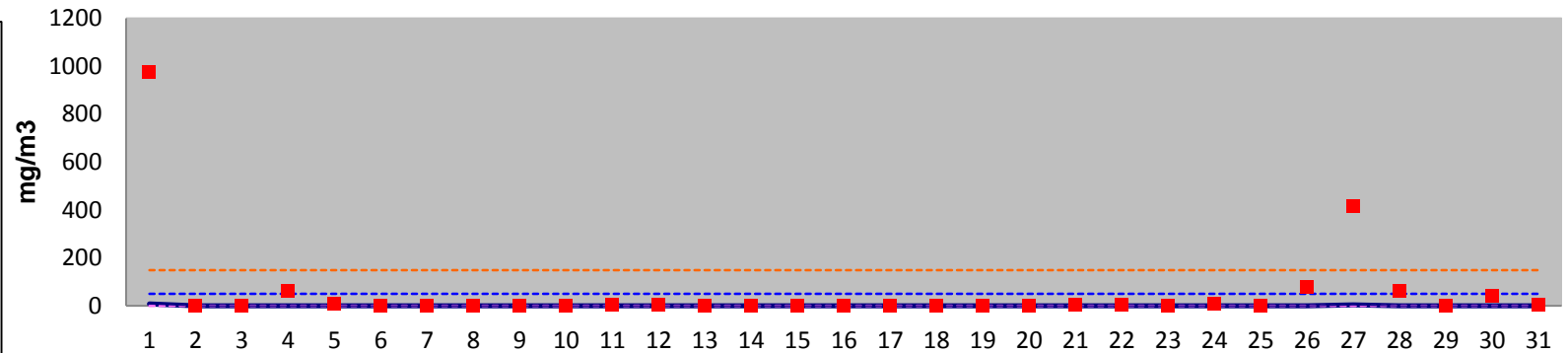
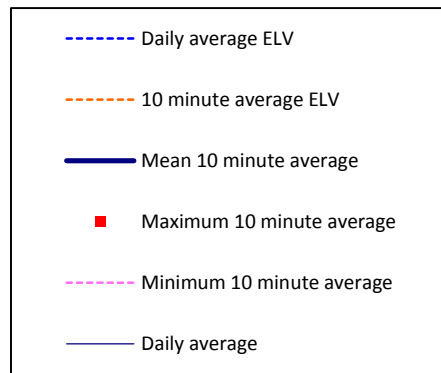
(authorised to sign as representative of the Operator)

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

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of December 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	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	150
10 minute average	Monthly maximum	977.1	Maximum 10 minute average	977	0.17	0.09	60.9	10.6	1.43	0.13	1.11	1.12	0	5.31	4.86	0.47	0.08	1.11	0	1.8	1.56	0.11	0.15	4.2	3.28	0.12	8.85	0.91	78.3	415	60.9	0.93	42.02	3.67
	Monthly mean	0.5	Mean 10 minute average	8.43	0	0	0.73	0.11	0.01	0	0.02	0.01	0	0.09	0.07	0.01	0	0.02	0	0.02	0.01	0	0	0.13	0.04	0	0.09	0.1	0.82	3.99	0.66	0.02	0.44	0.03
	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	15.0	No. of invalid results	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sum of exceedances	4.0	No. of exceedances of ELV	2	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	2	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	8.4	Daily average	8.43	0	0	0.73	0.11	0.01	0	0.02	0.01	0	0.09	0.07	0.01	0	0.02	0	0.02	0.01	0	0	0.13	0.04	0	0.09	0.1	0.82	3.99	0.66	0.02	0.44	0.03
	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

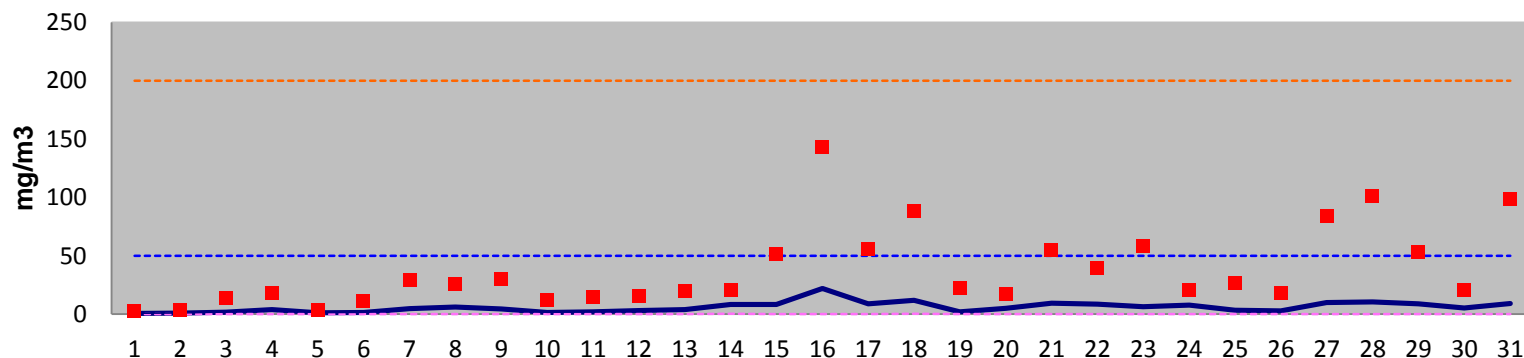
Variation Reference Number: EPR/MP3239FQ/V002

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 December 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	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	143.0	Maximum half hour average	2.54	3.64	13.9	18.4	3.47	11.3	28.9	25.8	29.8	11.8	14.4	15.6	19.6	20.9	51.4	143	56	88.7	22.5	17.4	54.5	39.2	58.7	20.7	26.8	18	84.2	101	53.3	20.4	99
	Monthly mean	6.0	Mean half hour average	0.81	0.86	1.86	3.84	1.32	1.63	4.9	6.29	4.47	1.46	2.03	3.08	3.89	8.45	8.27	22.1	8.81	11.8	2.15	5.16	9.54	8.75	6.5	7.75	3.53	2.94	9.97	10.5	8.78	5.33	9.1
	Monthly minimum	0.0	Minimum half hourly average	0.11	0.04	0.06	0.03	0.04	0	0	0.2	0	0	0	0	0	0.52	0	0	0	0.36	0	0	0.15	0	0.01	0.14	0	0.12	0	0.22	0	0	0.23
	Total invalid results	3.0	No. of invalid results	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	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	22.1	Daily average	0.81	0.86	1.86	3.84	1.32	1.63	4.9	6.29	4.47	1.46	2.03	3.08	3.89	8.45	8.27	22.1	8.81	11.8	2.15	5.16	9.54	8.75	6.5	7.75	3.53	2.94	9.97	10.5	8.78	5.33	9.1
	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)

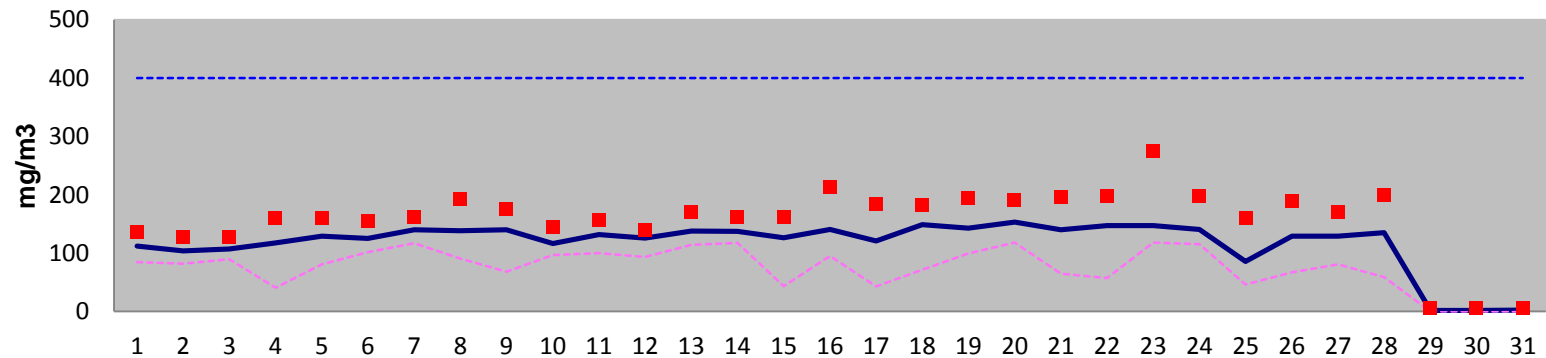
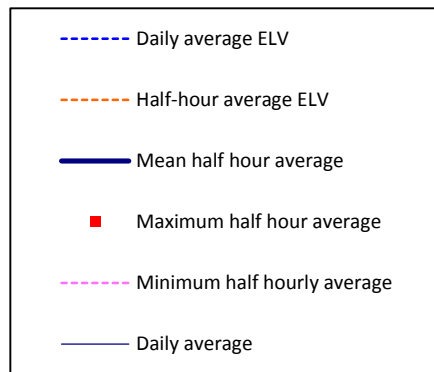


Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 December 20

Daily and Half Hourly 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	30
			Half-hour average ELV																															
Half-hourly average	Monthly maximum	275.5	Maximum half hour average	136	127.28	127	161	159	154	163	192	176	145	156	139	171	161	161	213	184	181	194	191	196	197	276	197	159	190	171	199	6.67	5.68	5.75
	Monthly mean	118.0	Mean half hour average	112	103.77	107	118	129	125	140	139	140	117	132	126	138	137	127	140	121	149	143	153	140	147	147	140	86	129	129	135	1.91	1.98	2.5
	Monthly minimum	0.0	Minimum half hourly average	84.5	81.77	89.4	40.9	80.7	102	117	90.8	68.5	97	100	93.5	114	118	43.4	95.2	43	71.6	99.5	118	65.1	57.3	118	115	46.3	67.1	80.8	59.1	0.07	0	0.09
	Total invalid results	3.0	No. of invalid results	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	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	153.3	Daily average	112	103.77	107	118	129	125	140	139	140	117	132	126	138	137	127	140	121	149	143	153	140	147	147	140	86	129	129	135	1.91	1.98	2.5
	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	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)

