

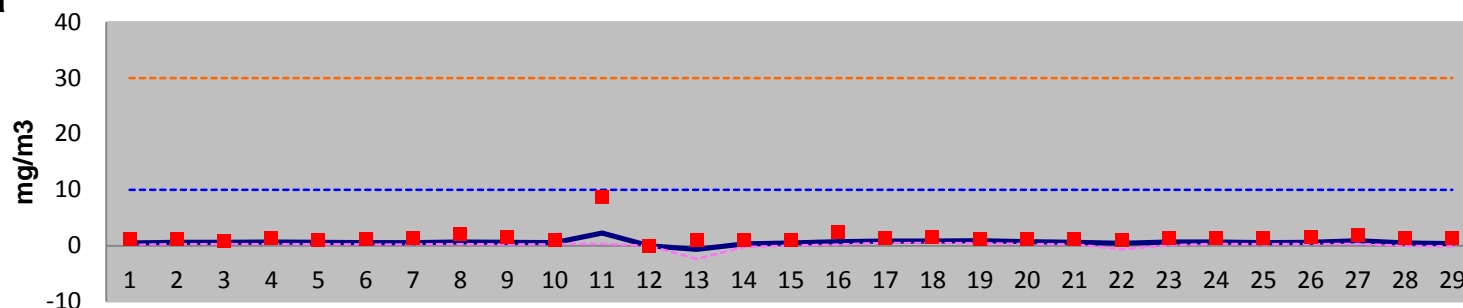
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 Feb 2016

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
			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
Half-hourly average	Monthly maximum	8.7	Maximum half hour average	1.16	1.12	0.89	1.4	0.95	1.08	1.32	2.1	1.59	0.97	8.7	0	1.04	1.02	1.03	2.47	1.29	1.62	1.23	1.23	1.19	1.04	1.27	1.28	1.32	1.52	1.98	1.42	1.37
	Monthly mean	0.6	Mean half hour average	0.52	0.62	0.64	0.7	0.64	0.58	0.57	0.69	0.64	0.54	2.25	0	-0.7	0.31	0.5	0.75	0.84	0.87	0.9	0.71	0.6	0.45	0.7	0.66	0.58	0.61	0.88	0.5	0.4
	Monthly minimum	-2.3	Minimum half hourly average	0.24	0.33	0.38	0.35	0.34	0.25	0.29	0.31	0.21	0.3	0.32	0	-2.3	-0.3	0.02	0.23	0.54	0.55	0.43	0.3	0.28	-0.7	0.12	0.33	0.25	0.31	0.32	-0	-0.2
	Total invalid results	148.0	No. of invalid results	1	0	0	0	0	0	0	2	0	0	18	48	39	0	0	2	3	0	0	0	0	0	3	9	7	2	0	5	9
	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
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
	Monthly maximum	0.9	Daily average	0.52	0.62	0.64	0.7	0.64	0.58	0.57	0.69	0.64	0.54				0.31	0.5	0.75	0.84	0.87	0.9	0.71	0.6	0.45	0.7			0.61	0.88	0.5	
	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	N	N	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

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

1st Feb - pressure release in incinerator (probably a compressed gas cylinder)
8th Feb - QAL 3
11th Feb QAL 3 & Offline for Shutdown
12th - 13th Feb Shutdown to clean crossover ductwork
16th Feb CEMS service provider on site to check settings
17th Feb CEMS service provider on site checking equipment and settings
22nd Feb ERV opened due to power cut to site
23rd Feb CEMS intermittent Electric Fault (now rectified)
24rd Feb CEMS intermittent Electric Fault (now rectified)
25th Feb CEMS intermittent Electric Fault (now rectified)
26th Feb CEMS service provider Engineer on site working on equipment, intermittent Electrical Fault (now rectified)
28th Feb CEMS service provider Engineer on site, not loading waste.
29th Feb ERV Opened due to a false low low level water signal. Plant went into safe mode, not loading waste

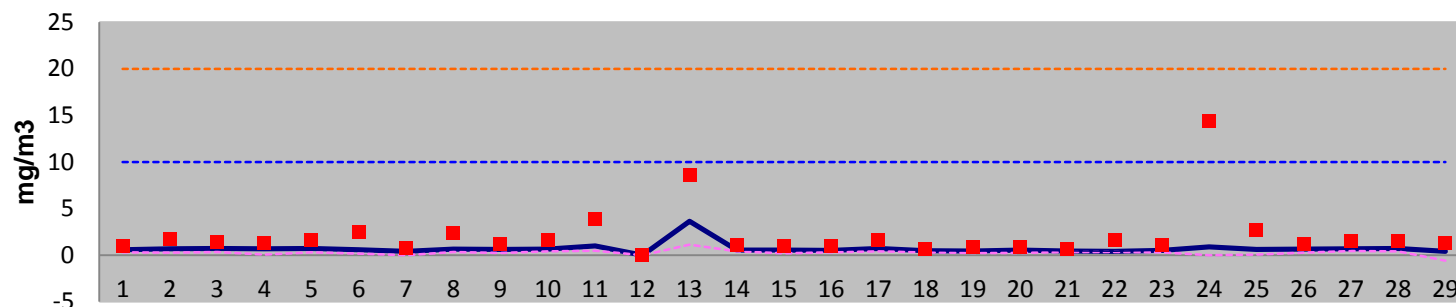
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 Feb 2016

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
			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
Half-hourly average	Monthly maximum	14.4	Maximum half hour average	1.02	1.76	1.42	1.3	1.55	2.47	0.69	2.38	1.13	1.66	3.84	0	8.61	1.07	0.97	1.01	1.64	0.65	0.82	0.84	0.67	1.63	1.12	14.4	2.73	1.22	1.52	1.49	1.27
	Monthly mean	0.7	Mean half hour average	0.59	0.67	0.72	0.68	0.73	0.59	0.4	0.66	0.62	0.63	0.98	0	3.63	0.56	0.56	0.52	0.71	0.46	0.45	0.56	0.44	0.42	0.5	0.9	0.6	0.64	0.69	0.71	0.41
	Monthly minimum	-0.6	Minimum half hourly average	0.32	0.26	0.33	0.07	0.31	0.15	0	0.34	0.24	0.42	0.49	0	1.14	0.39	0.19	0.29	0.39	0.31	0.23	0.23	0.33	0.34	0.31	0.01	0.06	0.28	0.43	0.39	-0.6
	Total invalid results	156.0	No. of invalid results	1	0	0	0	0	0	0	2	0	0	18	48	39	0	0	4	3	0	0	0	0	3	4	9	8	2	0	6	9
	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
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
	Monthly maximum	0.7	Daily average	0.59	0.67	0.72	0.68	0.73	0.59	0.4	0.66	0.62	0.63				0.56	0.56	0.52	0.71	0.46	0.45	0.56	0.44	0.42	0.5			0.64	0.69		
	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	N	N	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

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

Permit Reference no: WP3836ZF

Operator: Tradebe Healthcare National Limited

Installation: Wrexham Clinical Waste Incinerator

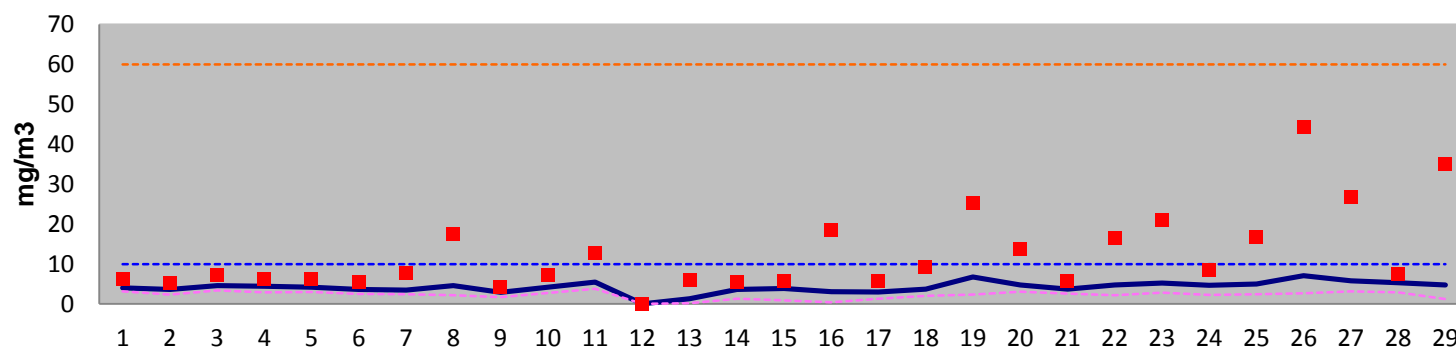
Variation Reference Number: EPR/MP3239FQ/V002

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 Feb 2016

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
			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
Half-hourly average	Monthly maximum	44.1	Maximum half hour average	6.25	5.18	7.22	6.29	6.23	5.43	7.59	17.5	4.16	7.13	12.8	0	5.92	5.5	5.71	18.5	5.69	9.26	25.3	13.7	5.74	16.5	20.9	8.57	16.6	44.1	26.8	7.46	35.1
	Monthly mean	4.2	Mean half hour average	4.03	3.64	4.63	4.46	4.21	3.67	3.51	4.59	2.89	4.17	5.48	0	1.28	3.64	3.9	3.09	2.98	3.7	6.75	4.72	3.74	4.73	5.26	4.64	5.02	7.07	5.79	5.35	4.76
	Monthly minimum	0.0	Minimum half hourly average	3.17	2.38	3.36	2.91	2.98	2.5	2.41	2.23	1.69	2.79	3.79	0	0.16	1.32	0.92	0.46	1.32	2.01	2.33	3.07	2.56	2.19	2.86	2.28	2.46	2.69	3.19	2.9	1.21
	Total invalid results	154.0	No. of invalid results	1	0	0	0	0	0	0	2	0	0	18	48	39	0	0	4	3	0	0	0	0	3	4	9	7	2	0	5	9
	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
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
	Monthly maximum	7.1	Daily average	4.03	3.64	4.63	4.46	4.21	3.67	3.51	4.59	2.89	4.17				3.64	3.9	3.09	2.98	3.7	6.75	4.72	3.74	4.73	5.26			7.07	5.79	5.35	
	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	N	N	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

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

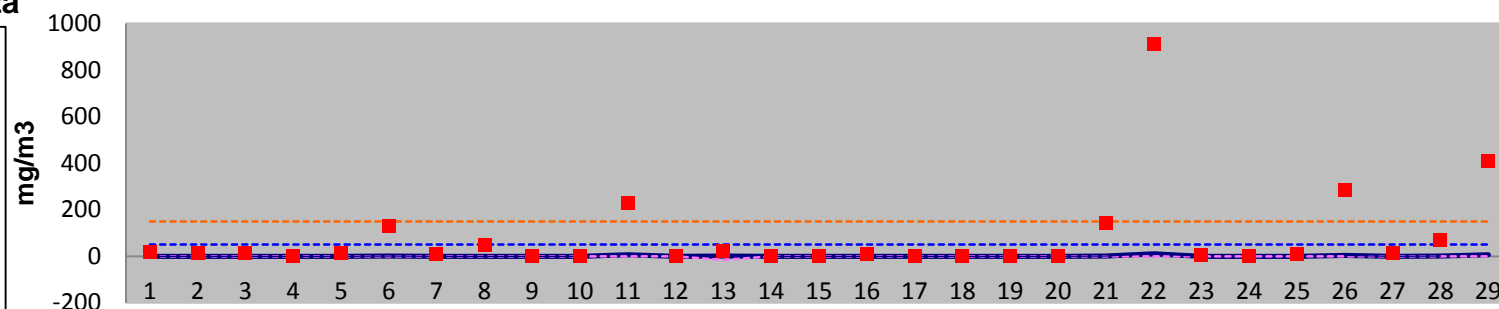
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 Feb 2016

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	
			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	
10 minute average	Monthly maximum	911.2	Maximum 10 minute average	20	13.1	14.7	1.47	13.7	130	8.14	46.6	1	0.81	227	0	22.1	0.35	0.36	10.72	1.79	0.07	0	2.16	140	911.23	2.63	0.1	7.22	285	14.6	67.2	409	
	Monthly mean	1.2	Mean 10 minute average	0.35	0.11	0.11	0.02	0.16	1.05	0.07	0.35	0.01	0.01	6.68	0	0.5	0.23	0.2	0.25	0.02	0	0	0.02	1.68	11.44	0.02	0	0.07	3.5	0.1	0.59	6.44	
	Monthly minimum	-15.5	Minimum 10 minute average	0	0	0	0	0	0	0	0	0	0	0	0	-15	0.11	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total invalid results	405.0	No. of invalid results	1	0	0	0	0	0	0	3	0	0	40	144	117	0	0	1	0	0	0	0	0	0	10	1	31	15	1	0	14	27
	Sum of exceedances	7.0	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	3	0	0	0	2	0	0	2
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	
	Monthly maximum	11.4	Daily average	0.35	0.11	0.11	0.02	0.16	1.05	0.07	0.35	0.01	0.01				0.23	0.2	0.25	0.02	0	0	0.02	1.68	11.44	0.02			3.5	0.1	0.59		
	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	N	N	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)

Permit Reference no: WP3836ZF

Operator: Tradebe Healthcare National Limited

Installation: Wrexham Clinical Waste Incinerator

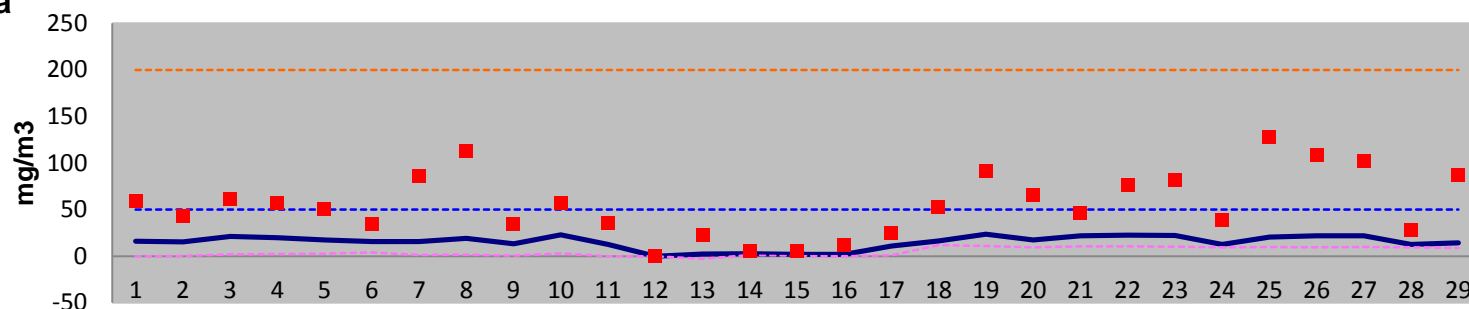
Variation Reference Number: EPR/MP3239FQ/V002

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 Feb 2016

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
			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
Half-hourly average	Monthly maximum	127.7	Maximum half hour average	59.5	43.4	60.8	56.7	51.1	34	86	113	34.4	57.4	35.2	0	22.5	5.28	5.17	11.7	25.1	52.4	91.1	65.8	46.6	76.2	81.7	38.7	128	109	102	28.1	87.2
	Monthly mean	15.1	Mean half hour average	16	15.3	21.3	19.9	17.4	15.9	15.8	19.3	13.2	23	12.6	0	2.4	2.61	1.92	1.85	10.9	16.4	23.6	17.4	22	22.5	22.4	12.5	20.6	22	21.9	12.7	14.5
	Monthly minimum	-3.0	Minimum half hourly average	0	0.44	2	2.44	2.53	4.21	1.32	1.64	0.62	3.19	0	0	-3	1.26	0.59	0	1.06	12.1	10.9	9.63	10.5	10.5	10.1	9.66	10.1	9.72	9.91	9.43	8.71
	Total invalid results	154.0	No. of invalid results	1	0	0	0	0	0	0	2	0	0	18	48	39	0	0	4	3	0	0	0	0	3	4	9	7	2	0	5	9
	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
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
	Monthly maximum	23.6	Daily average	16	15.3	21.3	19.9	17.4	15.9	15.8	19.3	13.2	23				2.61	1.92	1.85	10.9	16.4	23.6	17.4	22	22.5	22.4			22	21.9	12.7	
	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	N	N	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

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

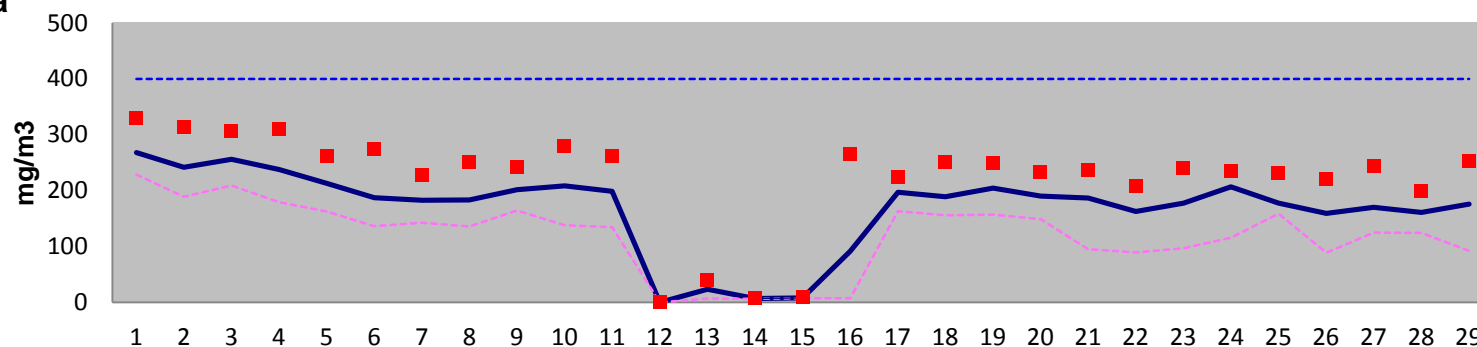
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

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 Feb 2016

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
			Half-hour average ELV																													
Half-hourly average	Monthly maximum	330.1	Maximum half hour average	330	314.54	307	310	262	275	228	251	242	281	262	0	40.6	7.96	9.05	265	224	251	249	233	237	208	240	235	232	222	244	198	254
	Monthly mean	168.0	Mean half hour average	268	241.7	256	238	213	187	183	183	202	209	199	0	23.5	7.32	8.1	92	198	189	205	190	187	163	178	207	178	159	170	161	176
	Monthly minimum	0.0	Minimum half hourly average	228	189.04	209	179	163	136	143	136	164	138	135	0	6.86	6.66	7.37	7.77	163	156	157	149	95.4	89.5	96.8	116	159	89.1	125	125	92.4
	Total invalid results	154.0	No. of invalid results	1	0	0	0	0	0	0	2	0	0	18	48	39	0	0	4	3	0	0	0	0	3	4	9	7	2	0	5	9
	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
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
	Monthly maximum	268.5	Daily average	268	241.7	256	238	213	187	183	183	202	209				7.32	8.1	92	198	189	205	190	187	163	178			159	170	161	
	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	N	N	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

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