

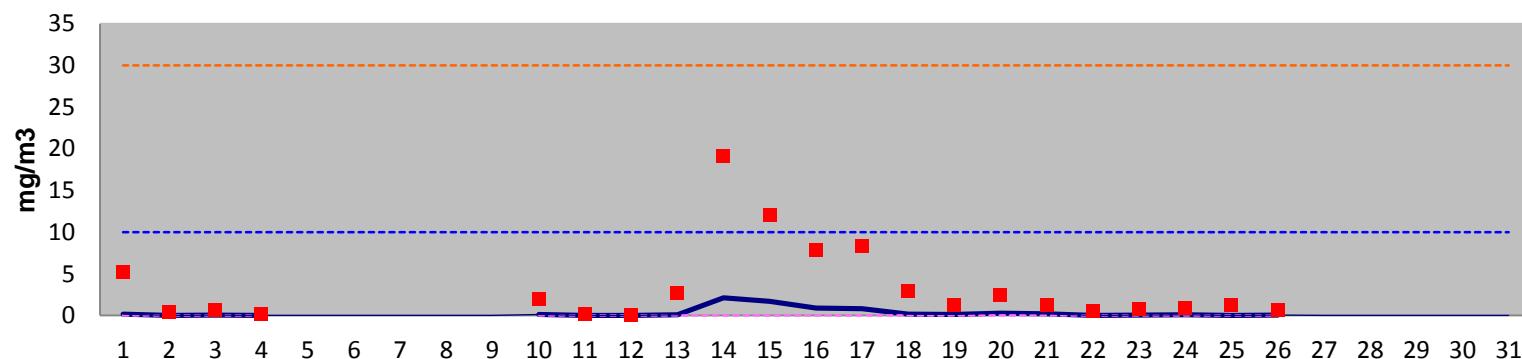
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 2019

#### 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	19.1	Maximum half hour average	5.2	0.4	0.6	0.1						2	0.2	0	2.7	19.1	12.1	7.8	8.3	2.9	1.3	2.5	1.3	0.5	0.8	0.9	1.3	0.6					
	Monthly mean	0.3	Mean half hour average	0.18	0.03	0.04	0.01						0.14	0.01	0	0.08	2.14	1.7	0.92	0.82	0.19	0.13	0.3	0.2	0.02	0.05	0.1	0.03	0.04					
	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	0
	Total invalid results	0.0	No. of invalid results	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
	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	2.1	Daily average	0.18	0.03	0.04	0.01	0	0	0	0	0	0.14	0.01	0	0.08	2.14	1.7	0.92	0.82	0.19	0.13	0.3	0.2	0.02	0.05	0.1	0.03	0.04	0	0	0	0	0
	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)

5th -9th Shutdown  
27th -31st shutdown



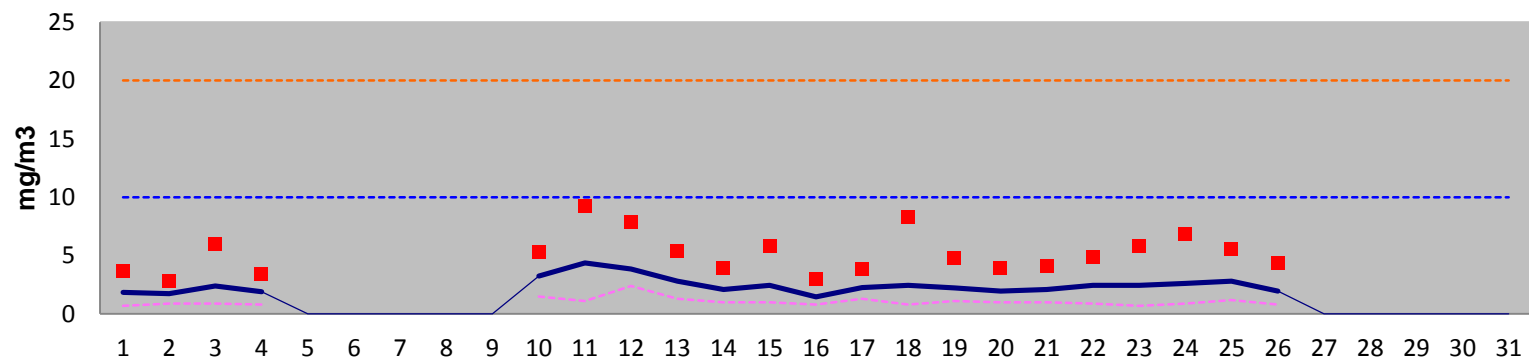
Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 2019

### 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	9.2	Maximum half hour average	3.7	2.8	6	3.4						5.3	9.2	7.9	5.4	3.9	5.8	3	3.8	8.3	4.8	3.9	4.1	4.9	5.8	6.8	5.6	4.4					
	Monthly mean	2.5	Mean half hour average	1.86	1.75	2.39	1.91						3.26	4.38	3.85	2.82	2.1	2.44	1.48	2.25	2.46	2.23	1.97	2.09	2.46	2.45	2.62	2.82	1.96					
	Monthly minimum	0.7	Minimum half hourly average	0.7	0.9	0.9	0.8						1.5	1.1	2.4	1.3	1	1	0.8	1.3	0.8	1.1	1	1	0.9	0.7	0.9	1.2	0.8					
	Total invalid results	0.0	No. of invalid results	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
	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	4.4	Daily average	1.86	1.75	2.39	1.91	0	0	0	0	0	3.26	4.38	3.85	2.82	2.1	2.44	1.48	2.25	2.46	2.23	1.97	2.09	2.46	2.45	2.62	2.82	1.96	0	0	0	0	0
	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

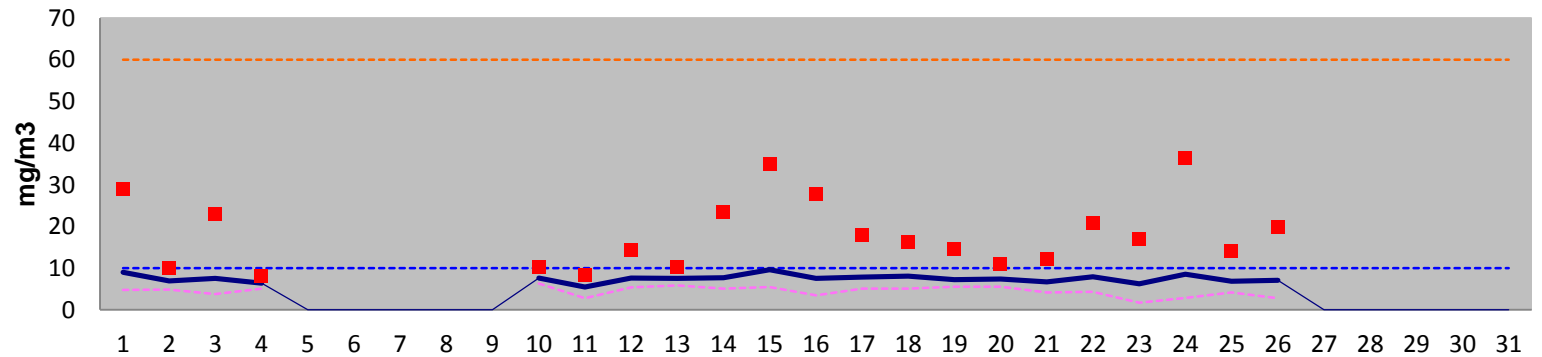
Variation Reference Number: EPR/MP3239FQ/V002

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 May 2019

### 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	36.5	Maximum half hour average	28.9	9.9	23	8						10.1	8.3	14.3	10.2	23.5	35	27.7	18	16.2	14.7	11	12.2	20.7	16.9	36.5	14.2	19.8					
	Monthly mean	7.5	Mean half hour average	9.01	6.97	7.54	6.41						7.6	5.47	7.61	7.53	7.74	9.61	7.56	7.86	8.12	7.23	7.42	6.74	7.94	6.25	8.56	6.89	7.11					
	Monthly minimum	1.7	Minimum half hourly average	4.8	4.9	3.8	5.1						6.3	2.8	5.4	5.9	5.1	5.5	3.5	5.1	5.1	5.6	5.6	4.2	4.3	1.7	2.9	4.2	2.8					
	Total invalid results	0.0	No. of invalid results	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
	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	9.6	Daily average	9.01	6.97	7.54	6.41	0	0	0	0	0	7.6	5.47	7.61	7.53	7.74	9.61	7.56	7.86	8.12	7.23	7.42	6.74	7.94	6.25	8.56	6.89	7.11	0	0	0	0	0
	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

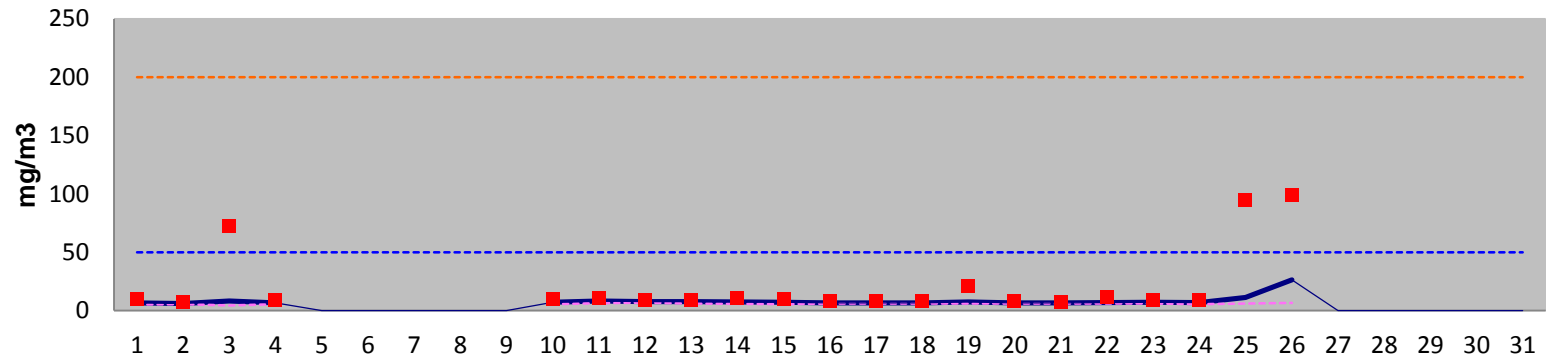
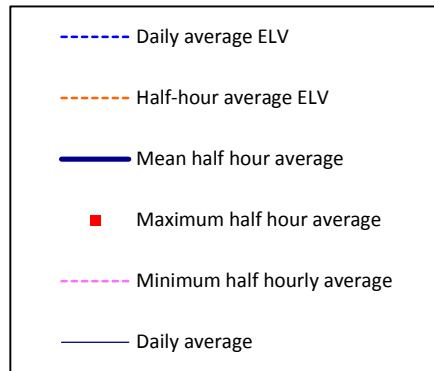
Operator: Tradebe Healthcare National Limited  
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002

Form Number : Agency Form / 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 2019

### 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	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	98.8	Maximum half hour average	9.6	7.4	72	8.8						9.6	10.4	9	9.1	10.3	10.1	8.1	8.2	8	21.1	7.9	7.6	11.2	9.3	8.8	94.4	98.8					
	Monthly mean	8.3	Mean half hour average	6.6	6.2	8.37	6.79						7.34	8.3	7.85	7.76	7.67	7.34	6.82	6.8	6.76	7.51	6.82	6.71	7.11	7.13	6.85	11.3	26.4					
	Monthly minimum	4.6	Minimum half hourly average	5.4	5.5	4.6	5.5						5.7	6.5	7.1	6.2	5.9	5.7	6.2	6.1	6.2	6.3	6.3	6.2	6.1	6.1	5.7	6.3	6.6					
	Total invalid results	0.0	No. of invalid results	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
	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	26.4	Daily average	6.6	6.2	8.37	6.79	0	0	0	0	0	7.34	8.3	7.85	7.76	7.67	7.34	6.82	6.8	6.76	7.51	6.82	6.71	7.11	7.13	6.85	11.3	26.4	0	0	0	0	0
	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)

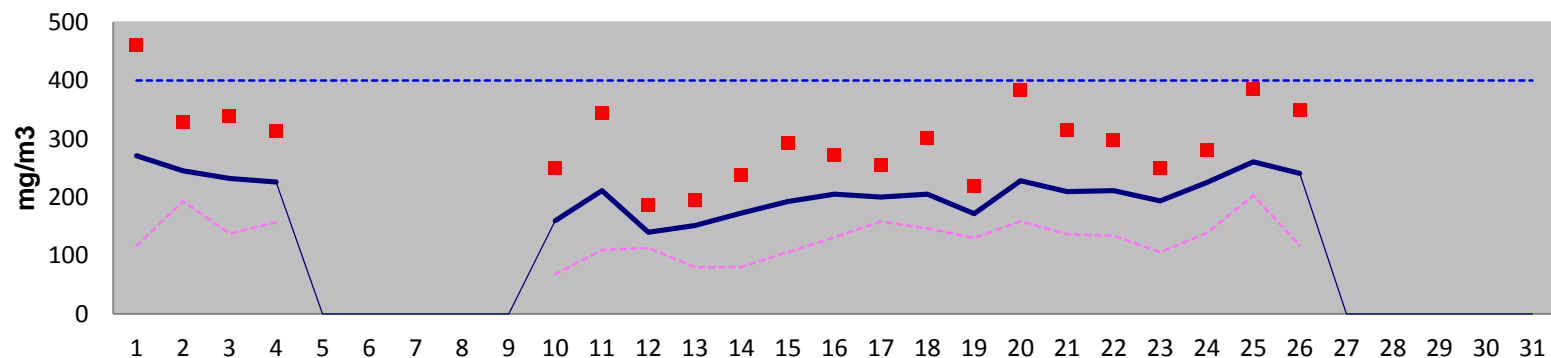
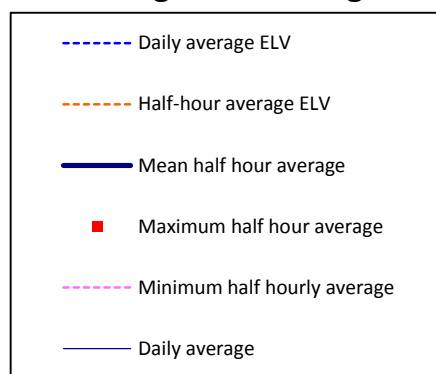


Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 May 2019

#### 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	31
			Half-hour average ELV																															
Half-hourly average	Monthly maximum	460.6	Maximum half hour average	461	328.9	339	313						250	343	186	195	238	292	272	256	301	220	384	316	298	251	280	386	350					
	Monthly mean	207.5	Mean half hour average	271	245.36	232	226						160	211	140	152	173	193	205	200	206	172	228	210	212	194	225	261	241					
	Monthly minimum	68.2	Minimum half hourly average	117	193.4	138	157						68.2	110	113	80.2	80.9	106	132	159	147	130	159	137	134	106	139	203	118					
	Total invalid results	0.0	No. of invalid results	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
	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	271.2	Daily average	271	245.36	232	226	0	0	0	0	0	160	211	140	152	173	193	205	200	206	172	228	210	212	194	225	261	241	0	0	0	0	0
	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)

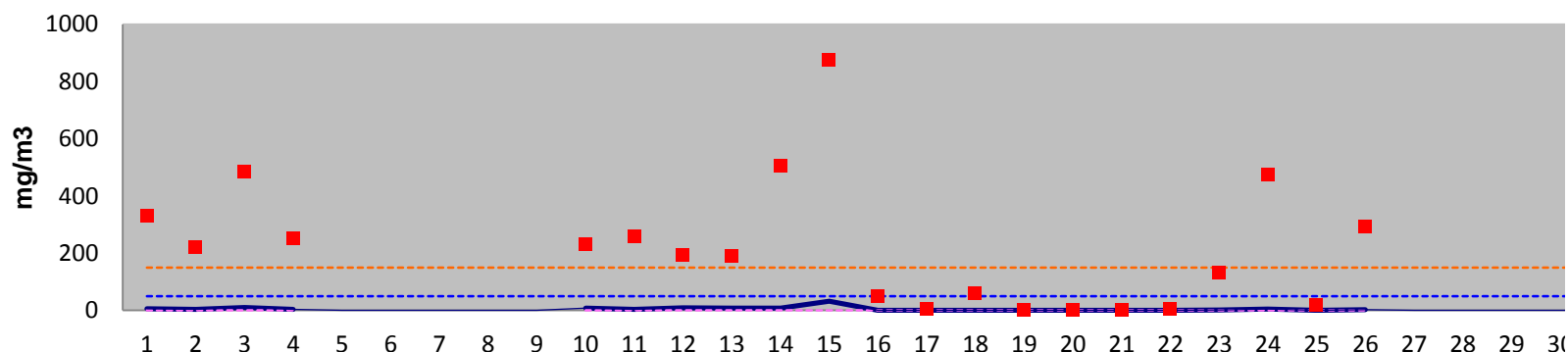
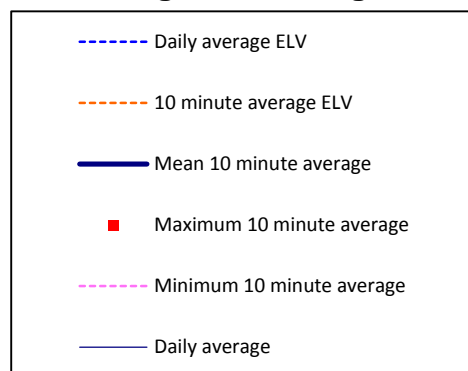


Permit Reference no: WP3836ZF  
 Operator: Tradebe Healthcare National Limited  
 Installation: Wrexham Clinical Waste Incinerator

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 Apr 2019

#### 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
			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	876.5	Maximum 10 minute average	331	221	485.8	250						230.5	259.8	194	188	506	877	48.5	4.9	60.2	3.3	0.8	2.6	4.5	130	475	19	292			
	Monthly mean	5.1	Mean 10 minute average	5.88	4.31	10.89	4.01						7.77	3.9	8.97	7.88	8.11	32.2	0.73	0.52	0.72	0.14	0.17	0.26	0.31	1.32	4.7	0.79	2.6			
	Monthly minimum	0.0	Minimum 10 minute average	0.1	0.1	0	0						1	0.5	0.7	0.3	0	0.1	0	0	0	0	0	0	0	0	0	0.1	0.1			
	Total invalid results	0.0	No. of invalid results	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
	Sum of exceedances	20.0	No. of exceedances of ELV	2	1	2	1	0	0	0	0	0	0	1	1	1	2	2	5	0	0	0	0	0	0	0	0	1	0	1	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	32.2	Daily average	5.88	4.31	10.89	4.01	0	0	0	0	0	7.77	3.9	8.97	7.88	8.11	32.2	0.73	0.52	0.72	0.14	0.17	0.26	0.31	1.32	4.7	0.79	2.6	0	0	0
	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
	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)







30	31
150	150
0	0
0	0
50	50
0	0
Y	Y
N	N