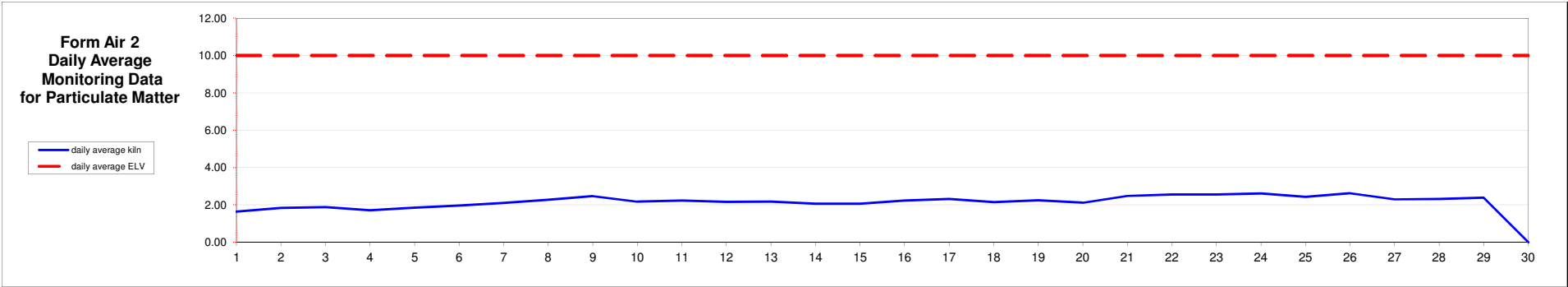


Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln		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		
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	3	Daily average Kiln		1.63	1.84	1.88	1.71	1.84	1.96	2.11	2.27	2.47	2.17	2.23	2.16	2.18	2.06	2.07	2.24	2.31	2.15	2.24	2.12	2.49	2.56	2.55	2.60	2.43	2.62	2.30	2.31	2.38	0.00		
	No. of invalid days		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		
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours		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	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	

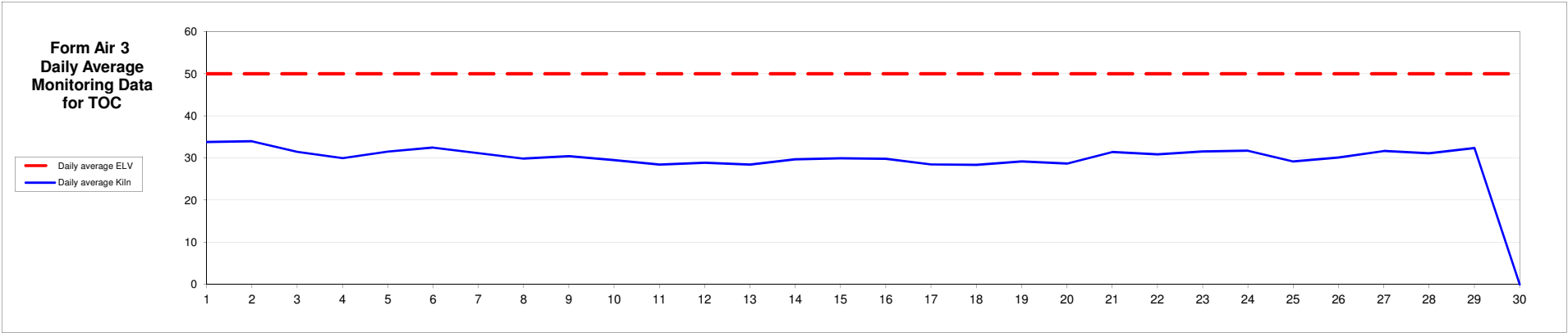
Signed P Firth Date 01/12/2020
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln		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	
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	50	
	Monthly maximum	34	Daily average Kiln	33.8	34.0	31.5	30.0	31.5	32.5	31.2	29.9	30.4	29.5	28.4	28.9	28.5	29.7	30.0	29.8	28.5	28.4	29.2	28.7	31.4	30.9	31.5	31.7	29.2	30.1	31.7	31.1	32.3	0.0			
	No. of invalid days		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		
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	0	
	Sum of exceedances	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	N	N

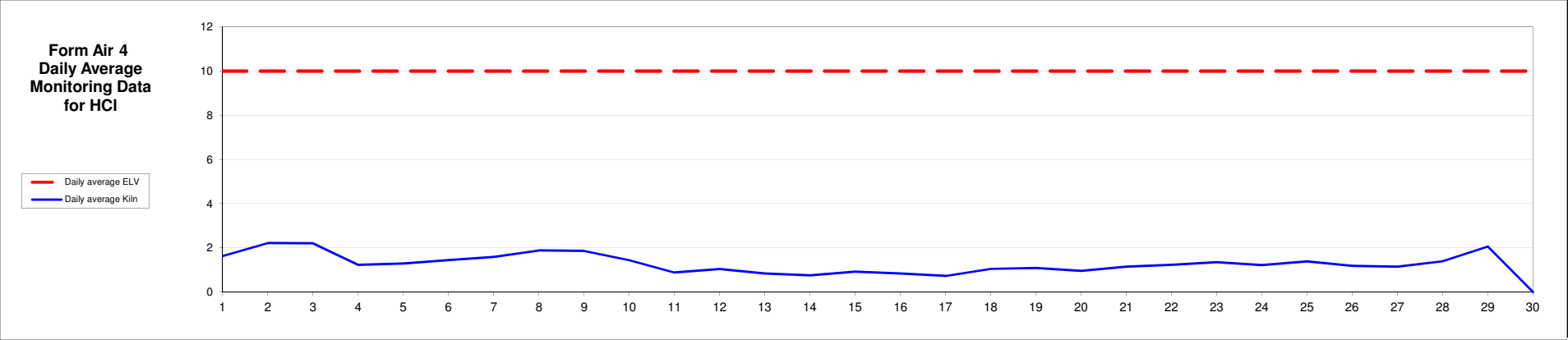
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(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions from Kiln 4 (Emission Point A8)



Kiln																																				
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		
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	10	
	Monthly maximum	2	Daily average Kiln	1.64	2.21	2.20	1.23	1.29	1.44	1.59	1.89	1.85	1.44	0.88	1.03	0.84	0.75	0.92	0.83	0.73	1.04	1.08	0.96	1.15	1.23	1.34	1.22	1.38	1.18	1.14	1.39	2.07	0.00			
	No. of invalid days		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		
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	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	N	

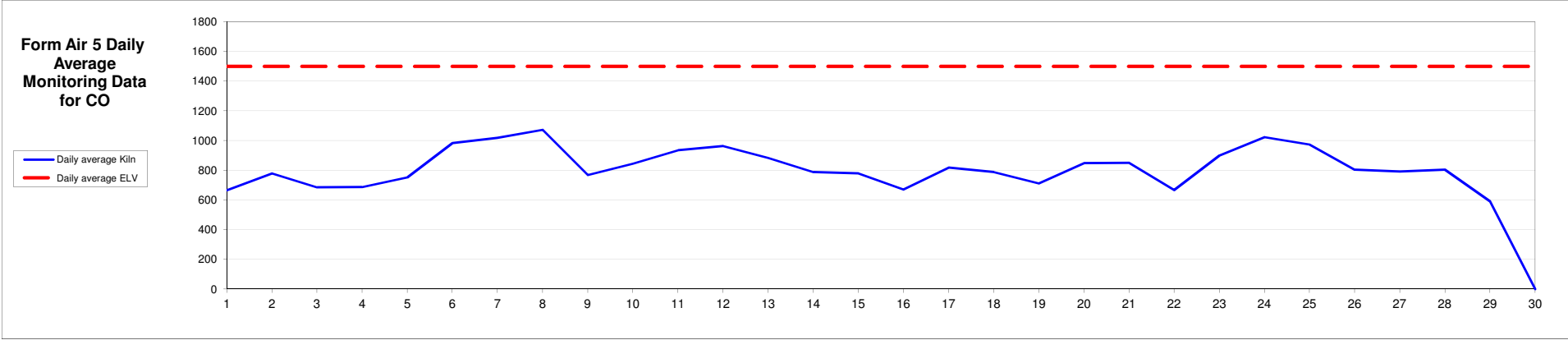
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(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln		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		
Daily average			Daily average ELV	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500		
	Monthly maximum	1074	Daily average Kiln	666	779	685	687	753	983	1019	1074	768	845	934	963	883	787	778	670	818	787	712	848	850	668	899	1023	974	803	791	803	591	0			
	No. of invalid days		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		
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	0	
	Sum of exceedances		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	N	

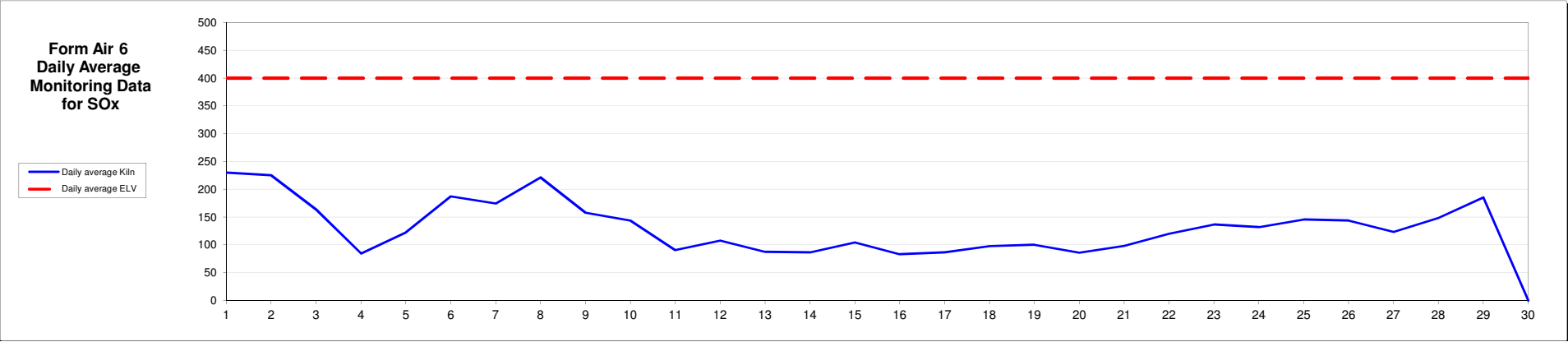
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln			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	
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	400	400	
	Monthly maximum	230	Daily average Kiln	230	225	164	84	122	187	174	222	158	143	91	108	88	87	104	83	87	98	100	86	98	120	137	132	146	144	123	149	185	0				
	No. of invalid days		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			
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	0		
	Sum of exceedances	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	N	N	

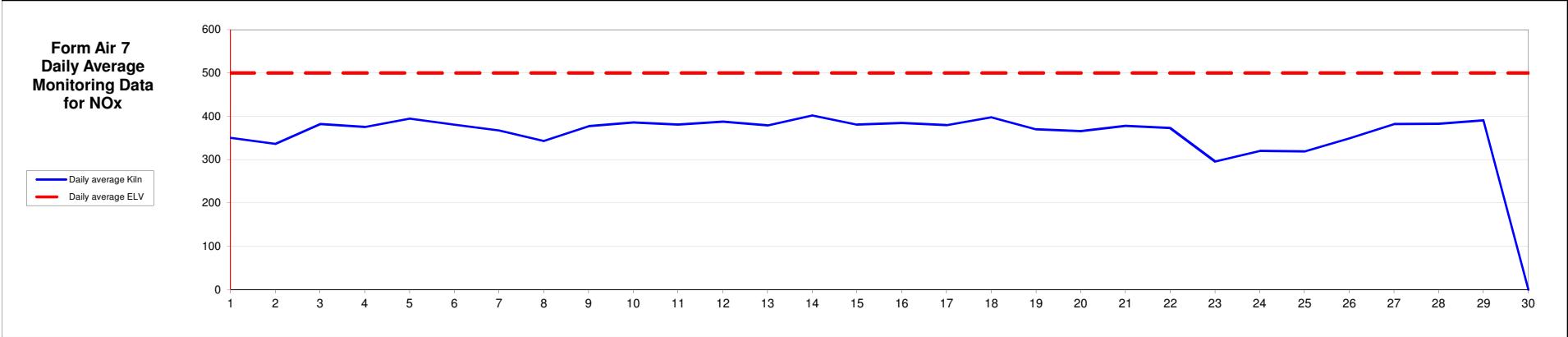
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln			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	
Daily average			Daily average ELV	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	
	Monthly maximum	402	Daily average Kiln	350	336	382	375	395	381	367	343	377	386	381	387	379	402	381	384	379	398	370	365	377	373	296	320	319	349	382	383	390	0				
	No. of invalid days		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	Y		
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	0		
	Sum of exceedances	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	N	N	

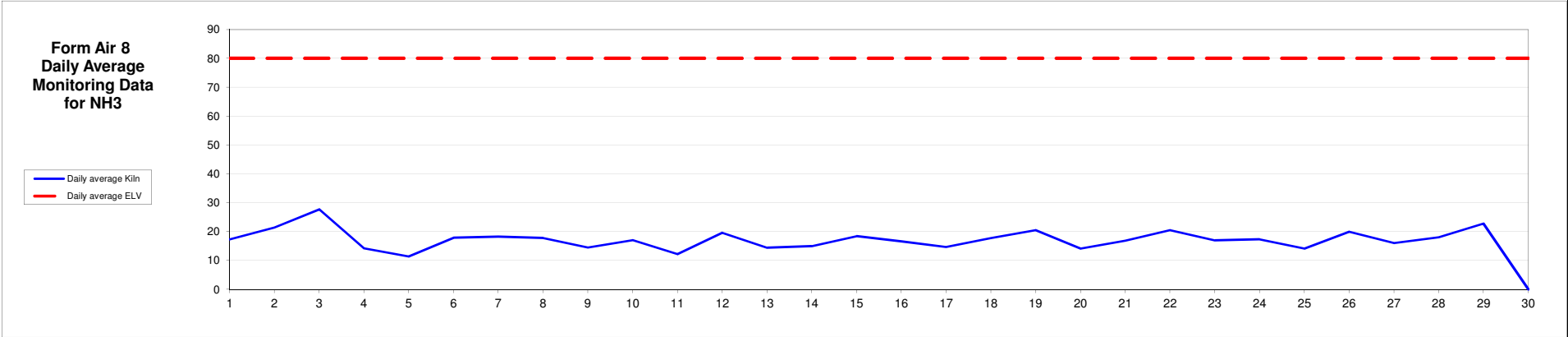
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Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln			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	
Daily average			Daily average ELV	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	
	Monthly maximum	28	Daily average Kiln	17	21	28	14	11	18	18	18	15	17	12	20	14	15	18	17	15	18	21	14	17	21	17	17	14	20	16	18	23	0				
	No. of invalid days		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	Y		
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	0		
	Sum of exceedances	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	N	N	

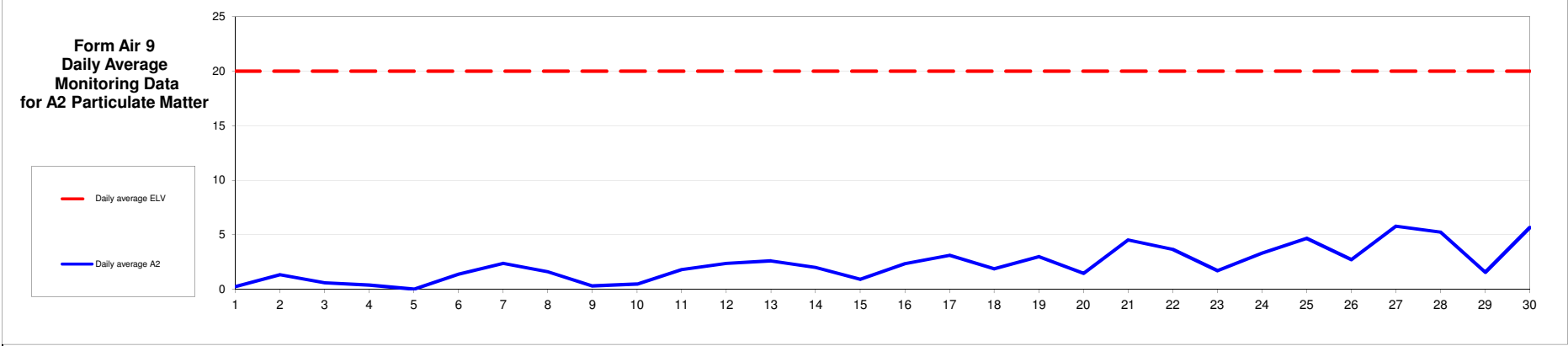
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Cement Mill Report of Continuous Monitored Emissions (Emission Point A2)



Cement Mill		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
Daily average			Daily 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
	Monthly maximum	0.00	Daily average A2			0.26	1.33	0.61	0.39	0.00	1.39	2.37	1.62	0.29	0.48	1.82	2.38	2.59	2.02	0.92	2.35	3.12	1.88	2.99	1.46	4.53	3.65	1.71	3.32	4.67	2.73	5.78	5.25	1.57	5.66
	No. of invalid days		Value valid?			N	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
	Total invalid 1/2 hours	7	No. of invalid 1/2 hours			7	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	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

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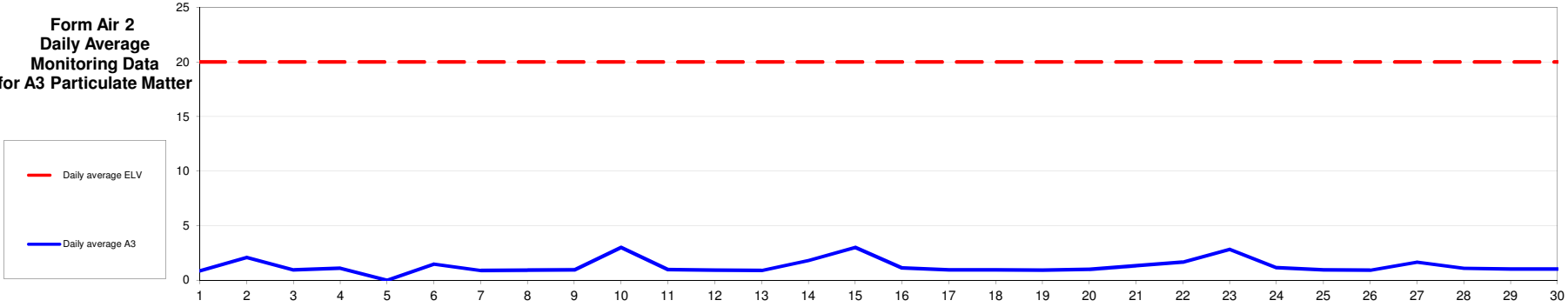
Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Nov-20

Installation: Aberthaw Works

Cement Mill Report of Continuous Monitored Emissions (Emission Point A3)

Form Air 2
Daily Average
Monitoring Data
for A3 Particulate Matter



Cement Mill

		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
Daily average			Daily 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	20
	Monthly maximum	0.00	Daily average A3	0.86	2.10	0.93	1.10	0.00	1.46	0.88	0.91	0.93	3.02	0.97	0.91	0.88	1.81	3.01	1.13	0.95	0.95	0.93	0.98	1.33	1.65	2.83	1.15	0.93	0.92	1.65	1.09	1.01	1.01		
	No. of invalid days		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	
	Total invalid 1/2 hours	0	No. of invalid 1/2 hours	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	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	N

Signed Paul Firth Date 01/12/2020
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)