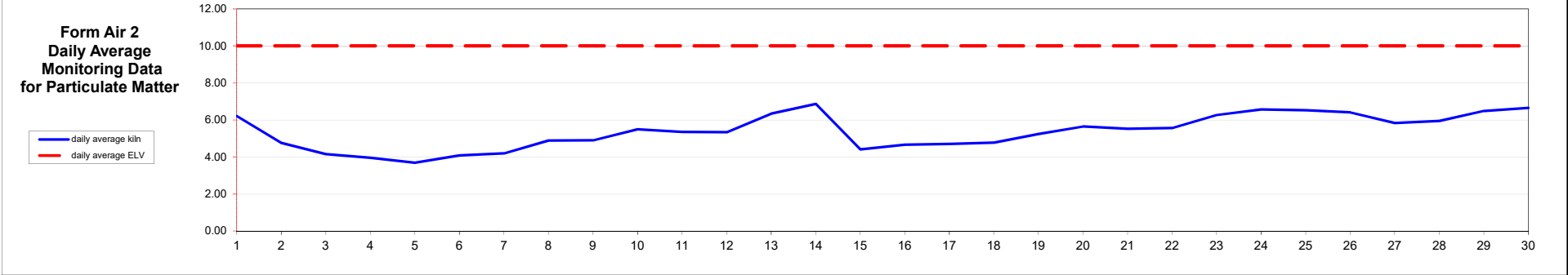


Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln																																				
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			
			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		
		7	Daily average Kiln	6.22	4.76	4.16	3.96	3.70	4.09	4.19	4.89	4.90	5.49	5.36	5.34	6.34	6.87	4.42	4.67	4.70	4.78	5.25	5.64	5.52	5.56	6.26	6.58	6.52	6.41	5.84	5.95	6.49	6.65			
			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		
			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	
		0	Sum of exceedances	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	

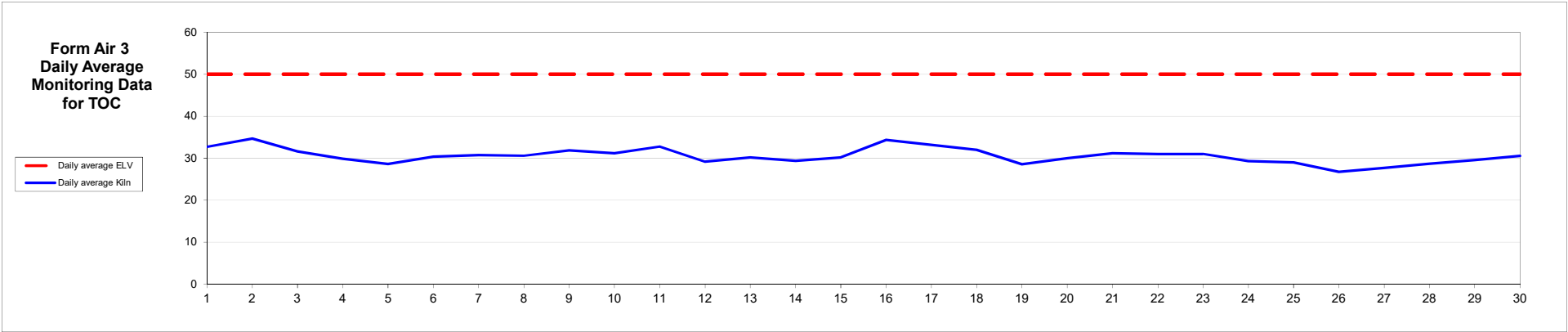
Signed P Firth Date 01/07/2020
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-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	
	Monthly maximum	35	Daily average Kiln	32.7	34.7	31.6	29.9	28.7	30.4	30.8	30.6	31.9	31.2	32.8	29.2	30.2	29.4	30.2	34.4	33.2	32.0	28.6	30.0	31.2	31.0	31.0	29.3	29.0	26.8	27.7	28.7	29.6	30.6		
	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

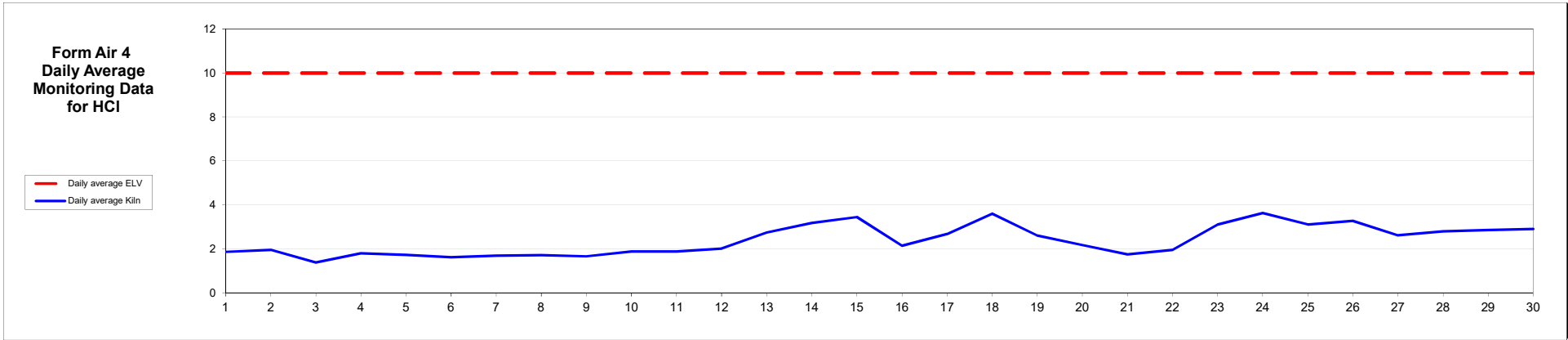
Signed **P Firth** Date **01/07/2020**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

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



Kiln																																			
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		
			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		
	Monthly maximum	4	Daily average Kiln	1.86	1.96	1.38	1.80	1.73	1.62	1.69	1.71	1.66	1.88	1.88	2.01	2.74	3.18	3.45	2.14	2.68	3.61	2.61	2.17	1.75	1.95	3.11	3.63	3.12	3.28	2.62	2.80	2.86	2.90		
	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 **01/07/2020**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

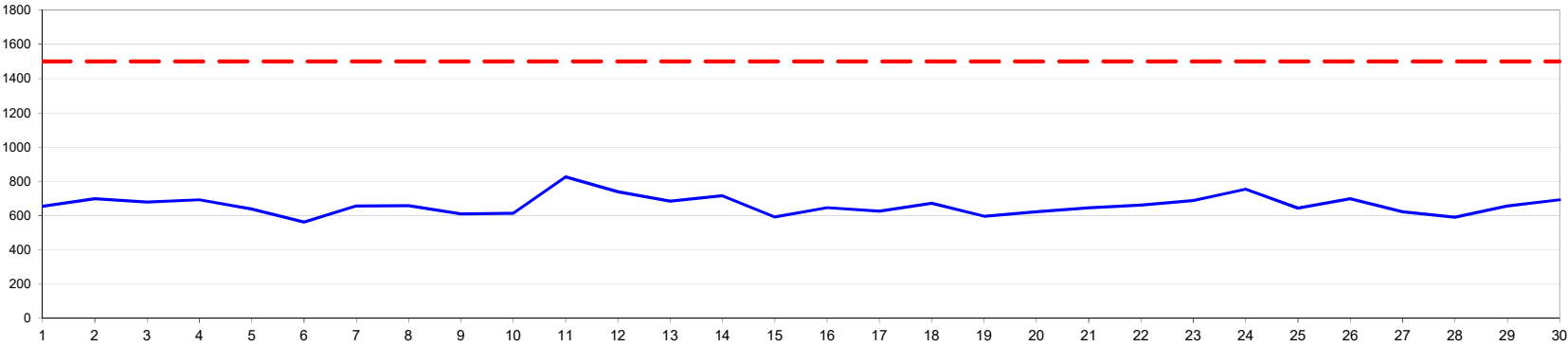
Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)

Form Air 5 Daily
Average
Monitoring Data
for CO

Daily average Kiln
Daily average ELV



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		
	Monthly maximum	826	Daily average Kiln		654	700	680	693	639	563	657	658	612	614	826	740	685	717	592	647	627	672	597	624	646	662	690	755	644	699	623	591	657	693		
	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		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	

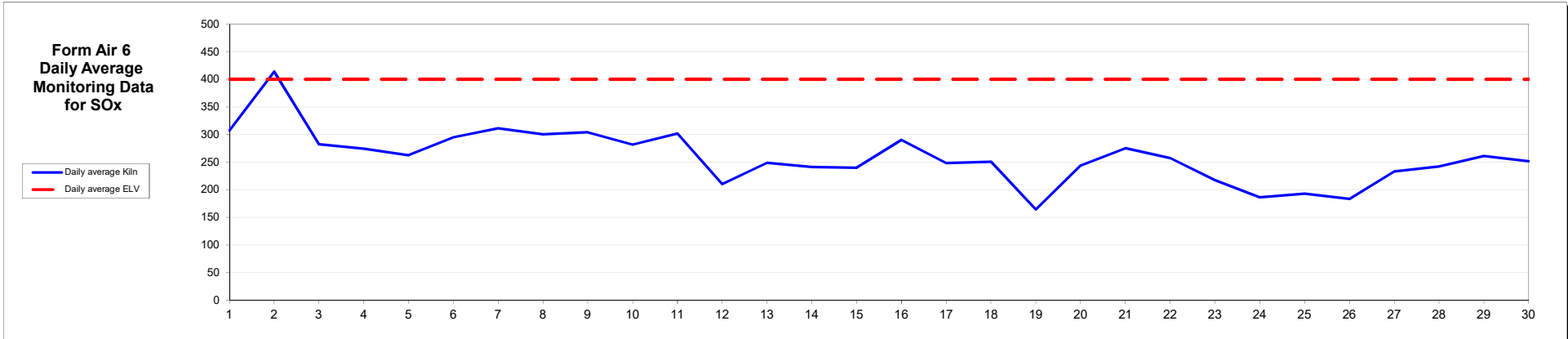
Signed P Firth Date 01/07/2020
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln																																			
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		
			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	414	Daily average Kiln	307	414	282	274	262	295	311	300	304	282	302	210	249	241	240	290	248	251	164	244	275	257	217	186	193	183	233	242	261	252		
	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	1	Value exceeds ELV (Y/N)	N	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

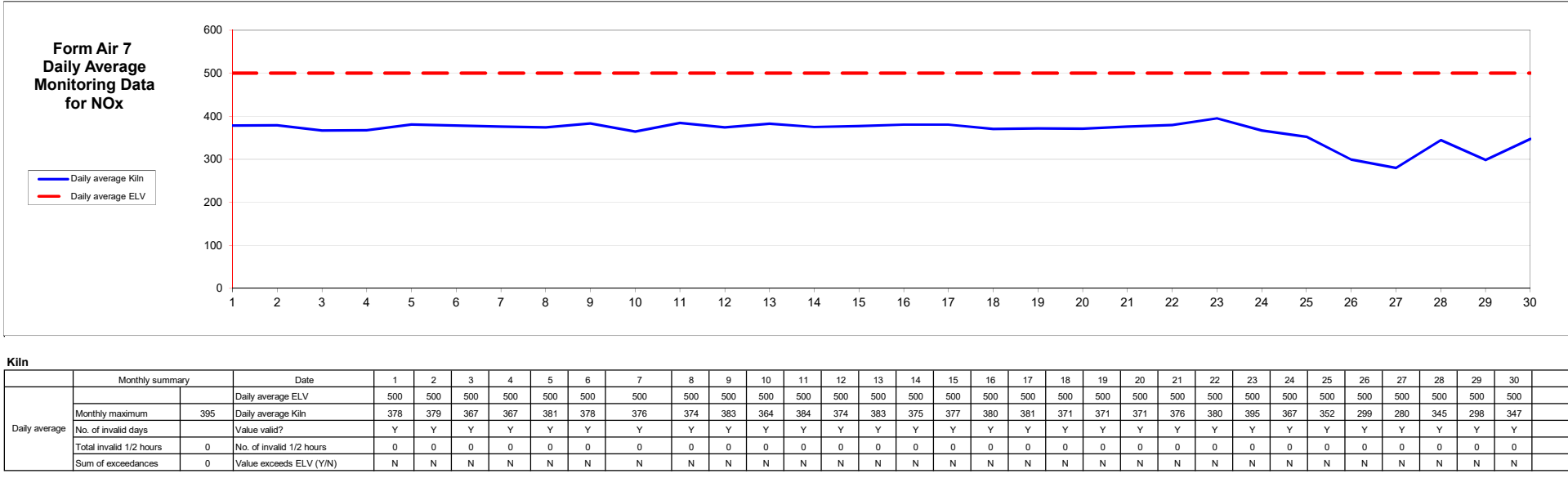
Signed **P Firth** Date **01/07/2020**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



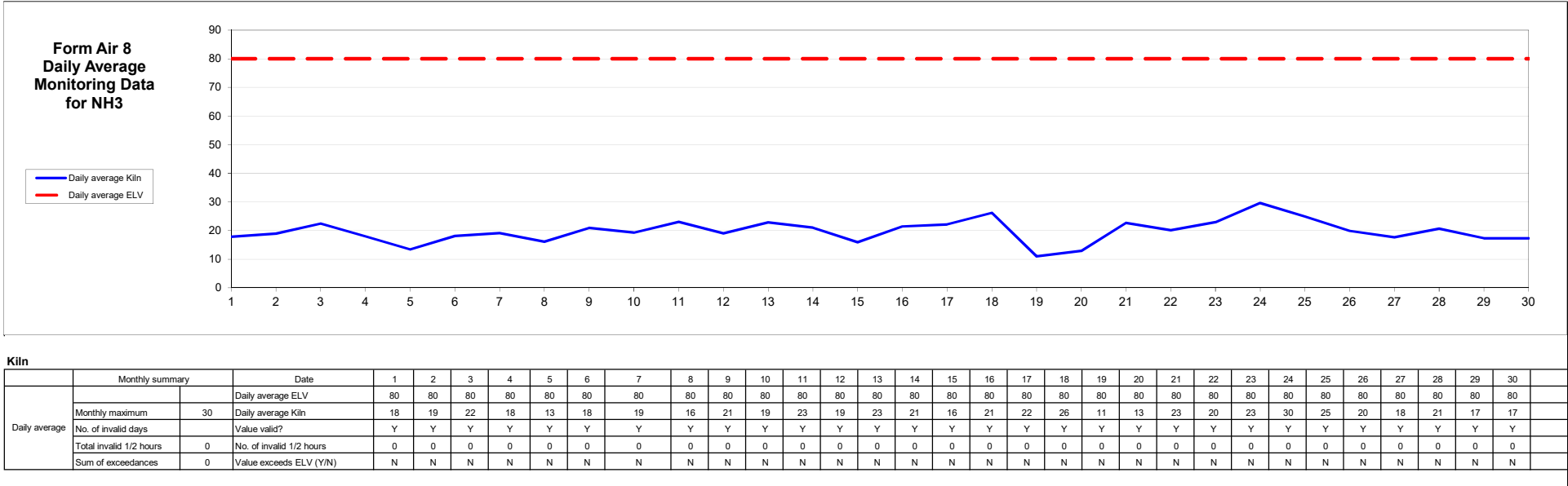
Signed **P Firth** Date **01/07/2020**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



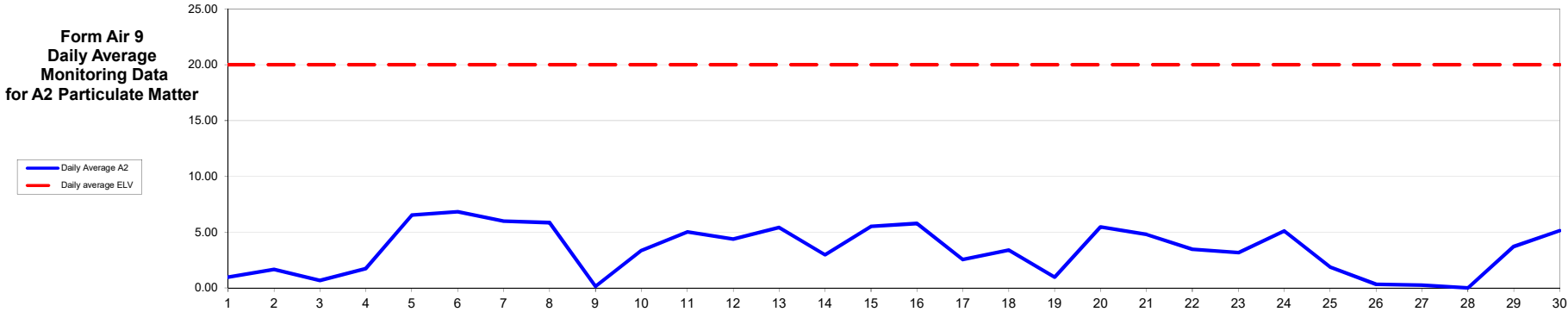
Signed **P Firth** Date **01/07/2020**
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

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



Cement Mill

Daily average	Monthly summary		Date		20	21	22	23	24	25	26	27	28	29	30	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 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	20	20	20	20	20	20	20	20	20	20	20	20
	Monthly maximum	6.82	Daily average A2	0.97	1.67	0.68	1.75	6.52	6.82	5.99	5.85	0.14	3.36	5.01	4.38	5.43	2.98	5.53	5.78	2.54	3.40	0.97	5.46	4.80	3.48	3.17	5.10	1.88	0.32	0.27	*	3.73	5.14													
	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	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	0	0	0	0	0	0	0	0	0	0	
	Sum of exceedances	1	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	N	N	N	N	N	N	N	N	N	N

Signed Paul Firth Date 01/07/2020
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

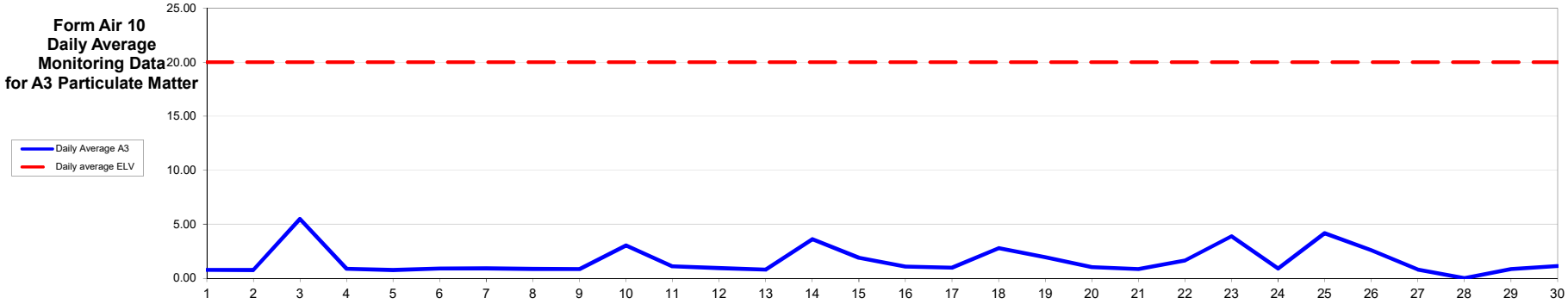
Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jun-20

Installation: Aberthaw Works

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

**Form Air 10
Daily Average
Monitoring Data
for A3 Particulate Matter**



Cement Mill

Daily average	Monthly summary		Date		20	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 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
	Monthly maximum	5.49	Daily average A3	0.77	0.76	5.49	0.87	0.76	0.90	0.91	0.85	0.84	3.02	1.10	0.94	0.79	3.61	1.89	1.07	0.97	2.77	1.94	1.02	0.84	1.64	3.88	0.90	4.17	2.60	0.79	*	0.85	1.13	
	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	
	Sum of exceedances	1	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 **Paul Firth** Date 01/07/2020
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

