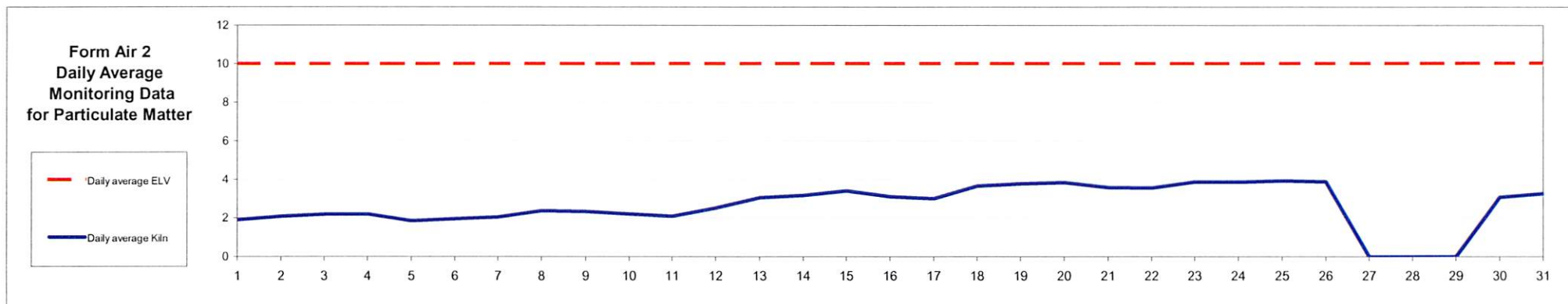


Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln

Date	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
			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
Daily average	Monthly maximum	4	Daily average Kiln	1.93	2.11	2.22	2.23	1.87	1.97	2.07	2.39	2.35	2.23	2.10	2.53	3.07	3.18	3.42	3.12	3.01	3.66	3.78	3.84	3.59	3.56	3.87	3.86	3.92	3.87					3.07	3.24
	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		No. of invalid 1/2 hours																																
	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

Signed **K.Bennett** Date **02.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

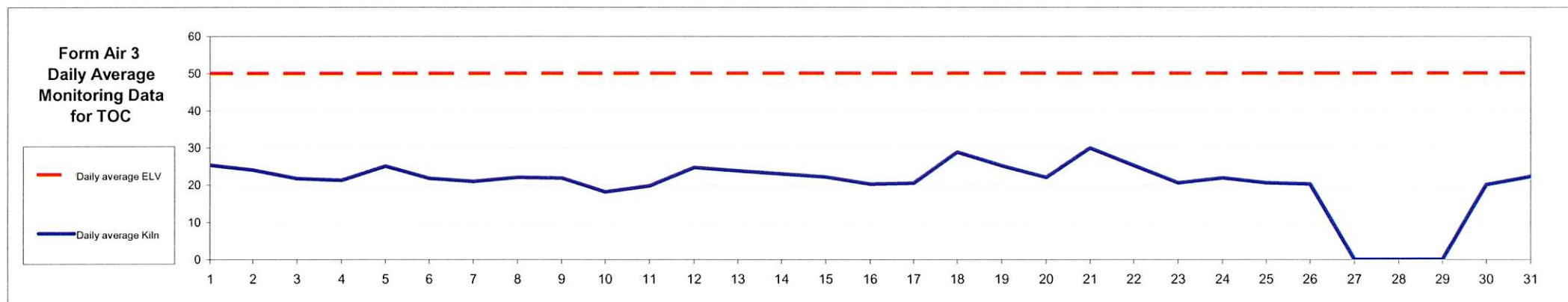
FR

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln

Kiln				Date																													
Daily average	Monthly summary		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
			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	30	Daily average Kiln	25.3	24.1	21.7	21.3	25.1	21.8	21.0	22.0	21.9	18.2	19.7	24.7	23.8	22.9	22.1	20.2	20.5	28.8	25.1	22.0	29.9	25.2	20.6	21.9	20.5	20.2			20.0	22.2
	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	
	Total invalid 1/2 hours		No. of invalid 1/2 hours																														
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	

Signed **K.Bennett** Date **02.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

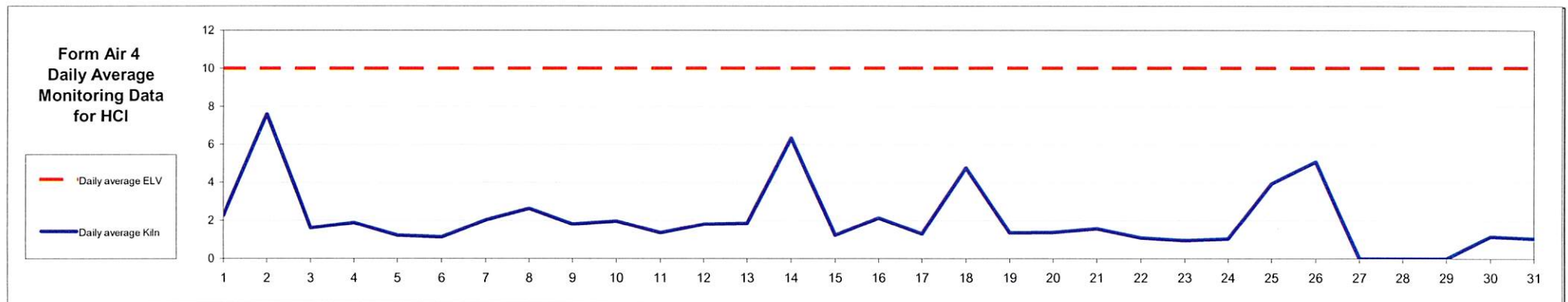
FR

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

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	31	
		8	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		2.29	7.59	1.63	1.90	1.24	1.14	2.05	2.64	1.83	1.97	1.37	1.81	1.86	6.32	1.23	2.13	1.29	4.76	1.35	1.37	1.57	1.10	0.96	1.04	3.92	5.07					1.15	1.05	
	No. of invalid days		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																																		
	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

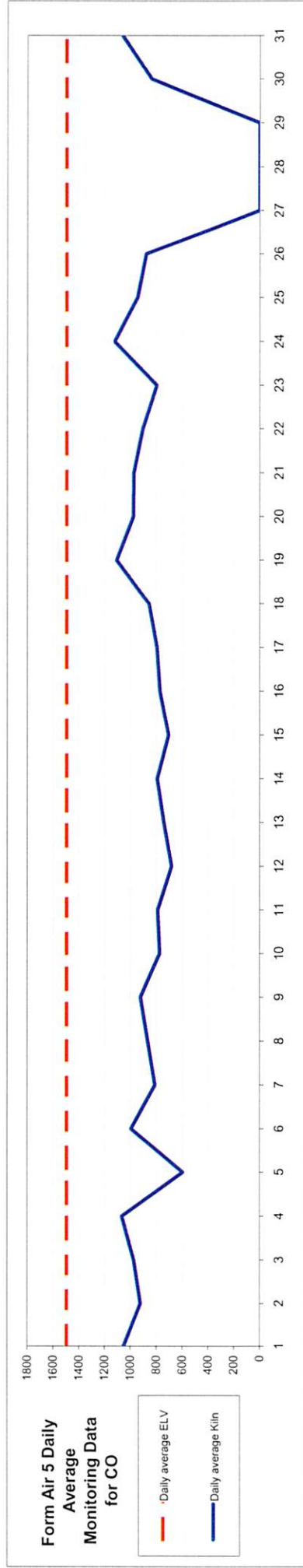
Signed **K.Bennett** Date **02.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

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Permit Reference Number: BL3986ID
Installation: Aberthaw Works

Operator: Tarmac Cement & Lime Ltd
Jul-17

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	31	
	Monthly maximum		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		Daily average Kiln	1055	924	977	1070	598	999	813	869	925	776	792	683	743	796	707	774	799	800	1110	981	977	908	800	1126	948	881	1500	1500	1500	1500	1500	
	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		No. of invalid 1/2 hours																																
	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: K. Bennett
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

Date: 02.10.2017

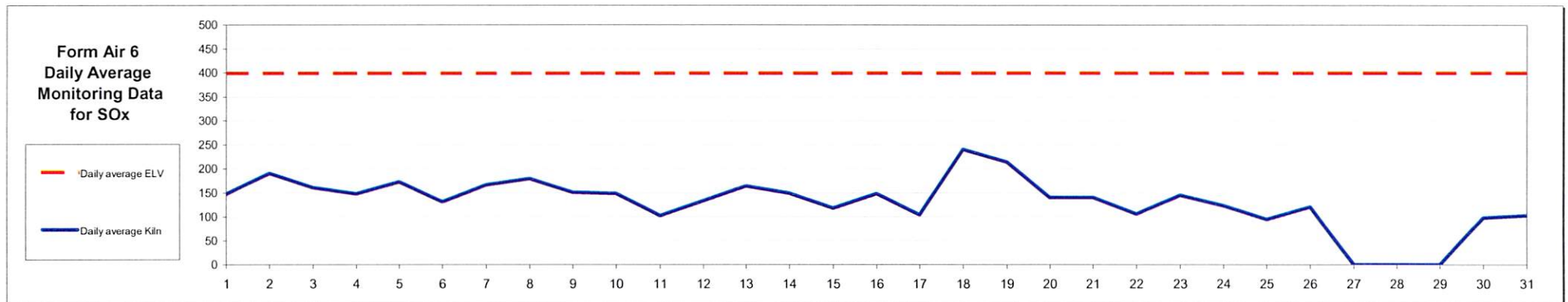
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

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	31
Daily average	Monthly maximum	241	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
	Daily average Kiln			148	191	162	149	174	132	167	180	152	149	103	134	165	150	119	149	104	241	215	141	141	106	145	123	95	120				98	102
	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		No. of invalid 1/2 hours																															
	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 **K.Bennett** Date **02.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

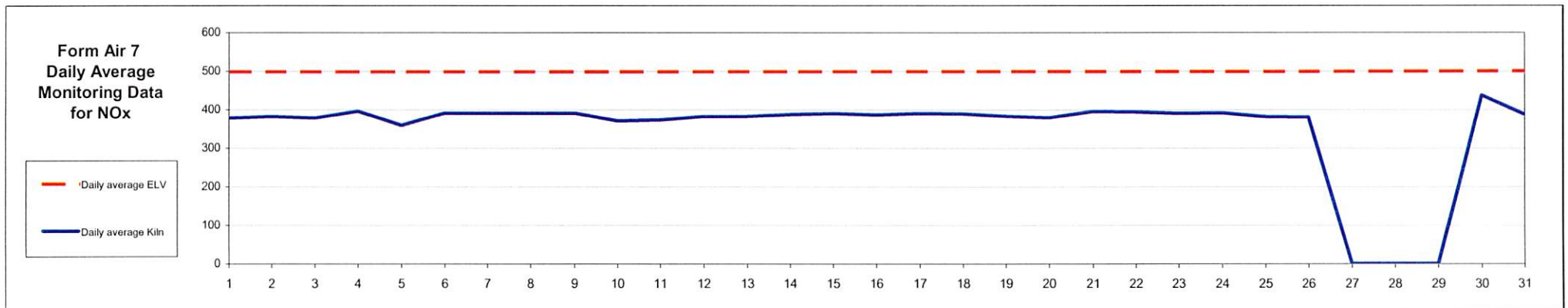
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

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	31
			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
	Monthly maximum	438	Daily average Kiln	380	383	380	397	361	392	392	393	392	371	374	384	383	389	391	387	390	390	384	379	397	395	391	393	383	381			438	387	
	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		No. of invalid 1/2 hours																															
	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 **K.Bennett** Date **02.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

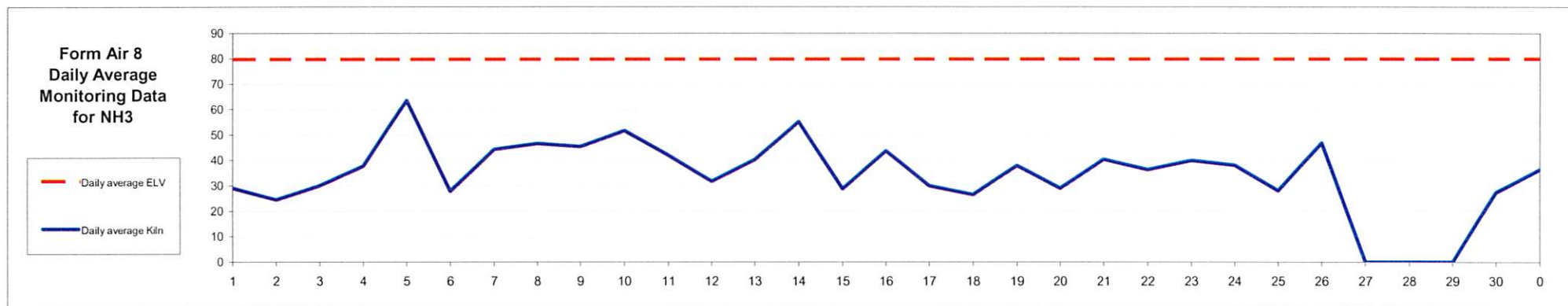
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Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

Installation: Aberthaw Works

Kiln Report of Continuous Monitored Emissions (Emission Point A1)



Kiln

Item	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
			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
Daily average	Monthly maximum	64	Daily average Kiln	29	25	30	38	64	28	45	47	46	52	42	32	40	55	29	44	30	27	38	29	41	36	40	38	28	47	0	0	0	27	36
	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	1	No. of invalid 1/2 hours										1																					
	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 **K.Bennett** Date **02.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

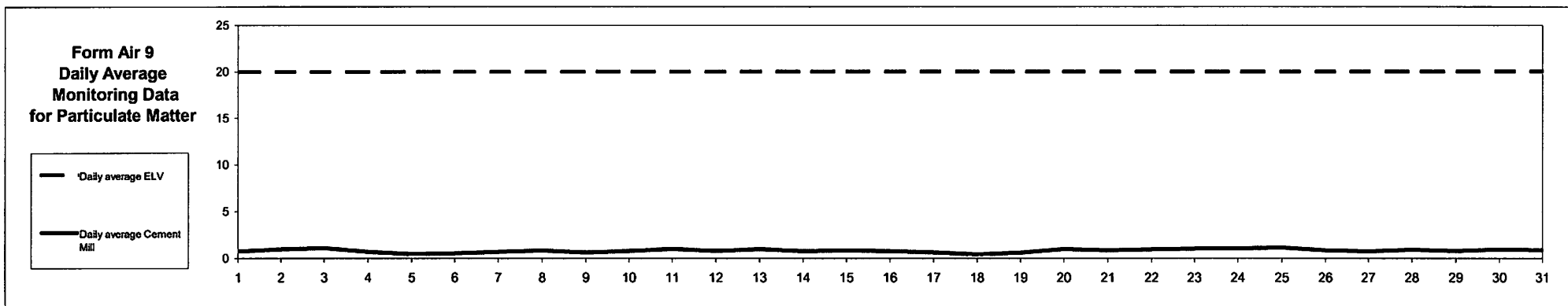
FR

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

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	31
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	1	Daily average Cement Mill	0.80	1.01	1.15	0.76	0.51	0.60	0.76	0.90	0.69	0.83	1.06	0.83	1.02	0.80	0.89	0.80	0.88	0.47	0.65	1.04	0.90	1.00	1.08	1.10	1.19	0.90	0.79	0.95	0.80	0.96	0.89	
	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		No. of invalid 1/2 hours																																
	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

Signed **K.Bennett** Date **04.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

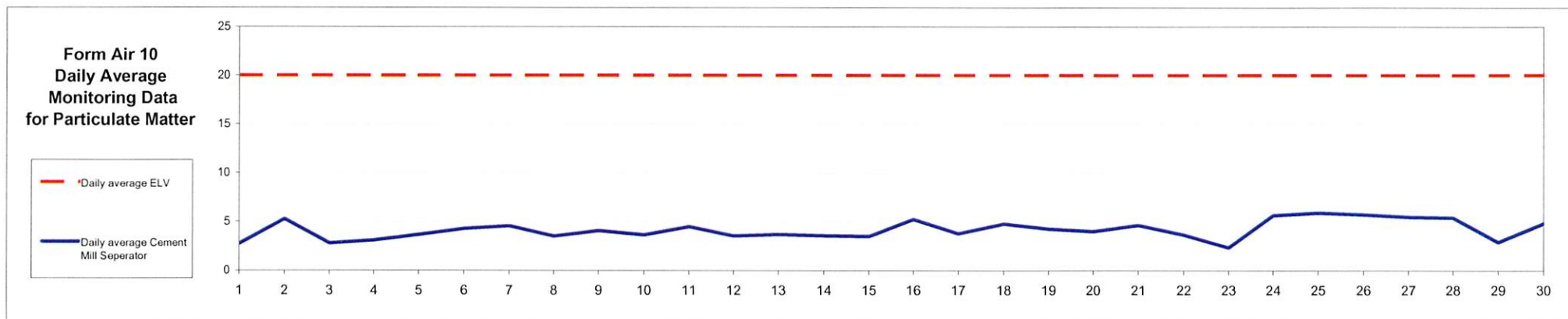
FR

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Jul-17

Installation: Aberthaw Works

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



Cement Mill Separator

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	6	Daily average Cement Mill Separator	2.75	5.29	2.82	3.11	3.69	4.29	4.57	3.53	4.08	3.66	4.49	3.56	3.71	3.58	3.51	5.25	3.80	4.79	4.28	4.02	4.64	3.65	2.36	5.64	5.91	5.72	5.48	5.40	2.88	4.81
	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	
	Total invalid 1/2 hours		No. of invalid 1/2 hours																														
	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

Signed **K.Bennett** Date **04.10.2017**
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

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