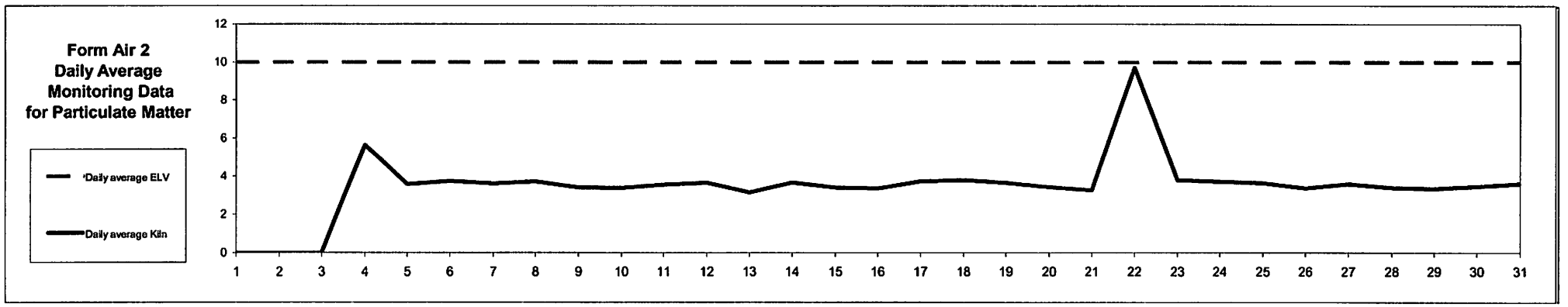
Permit Reference Number: BL3986ID **Operator: Tarmac Cement & Lime Ltd**

Oct-18

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			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	10	Daily average Kiln				5.64	3.56	3.73	3.61	3.71	3.40	3.37	3.55	3.64	3.14	3.66	3.40	3.34	3.73	3.79	3.65	3.43	3.26	9.71	3.79	3.71	3.63	3.36	3.58	3.38	3.33	3.46	3.59
	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** 07.01.2019

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

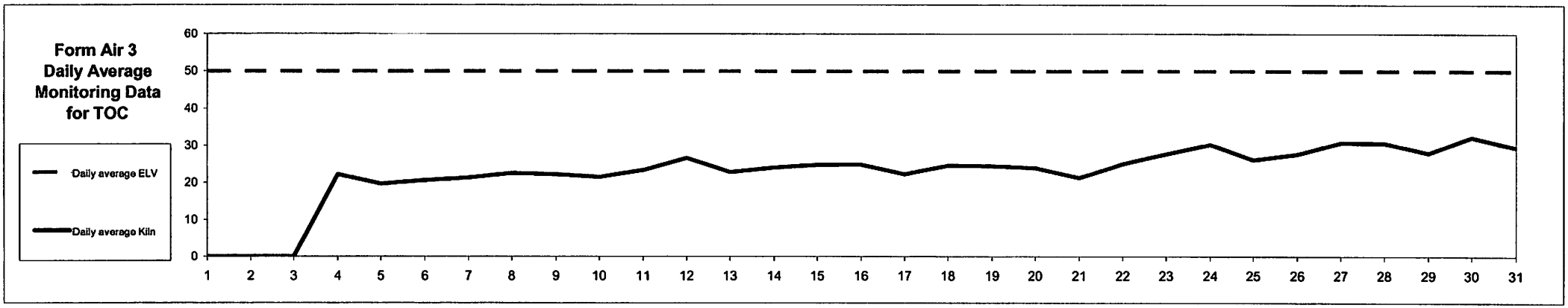
28/1/19.

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Oct-18

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 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	32	Daily average Kiln				22.3	19.7	20.6	21.4	22.6	22.3	21.6	23.4	26.7	22.9	24.1	24.8	24.9	22.3	24.6	24.5	24.0	21.4	25.1	27.8	30.3	26.1	27.7	30.8	30.7	28.0	32.3	29.5
Daily average	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** 07.01.2019
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

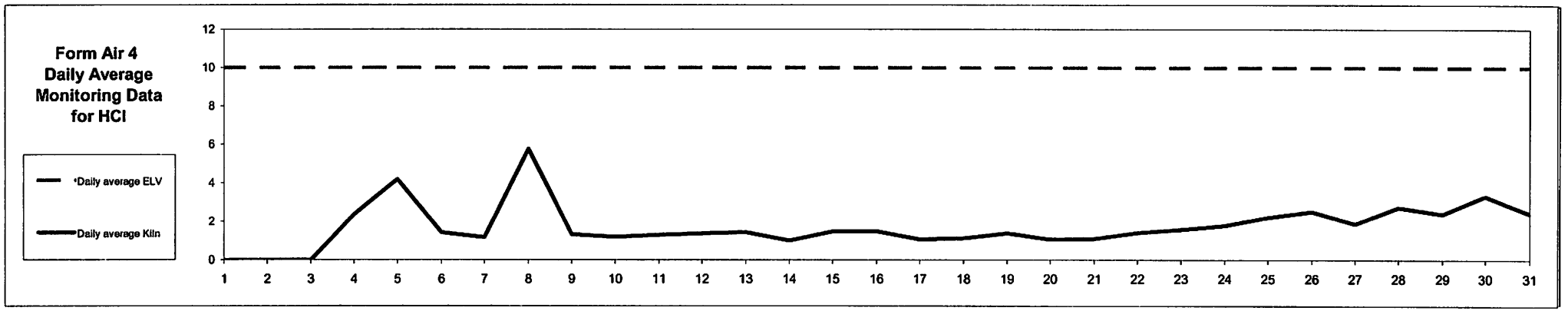
28/1/19.

Permit Reference Number: BL3986ID **Operator: Tarmac Cement & Lime Ltd**

Oct-18

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	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
	Monthly maximum	6	Daily average Kiln				2.37	4.19	1.43	1.17	5.76	1.33	1.19	1.30	1.37	1.44	1.01	1.48	1.50	1.07	1.13	1.39	1.07	1.11	1.41	1.58	1.78	2.21	2.53	1.87	2.74	2.39	3.33	2.42
Daily average	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** 07.01.2019

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

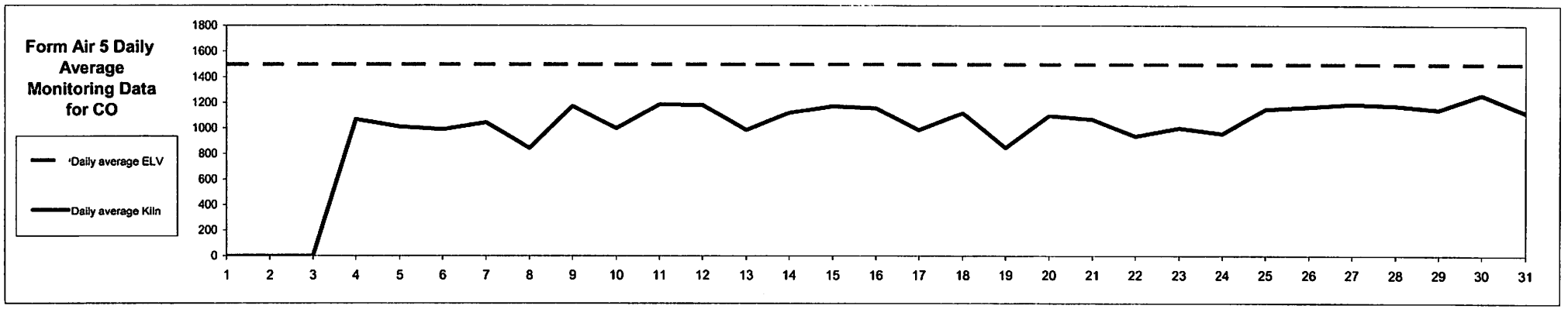
28/1/19.

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Oct-18

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 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
Daily average	Monthly maximum	1263	Daily average Kiln				1069	1011	991	1044	845	1174	1000	1187	1183	987	1121	1173	1158	987	1120	847	1099	1070	939	1003	958	1151	1170	1191	1177	1147	1263	1123
	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** 07.01.2019
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

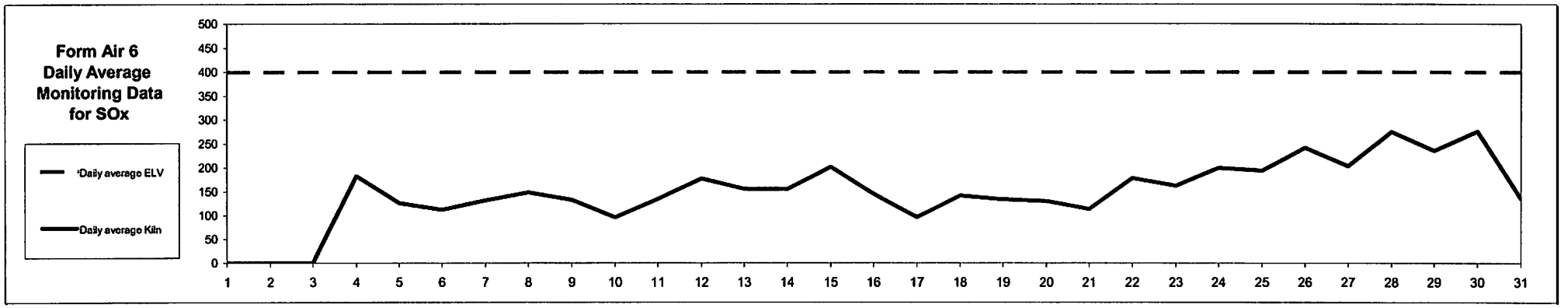
28/1/19.

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Oct-18

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			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	276	Daily average Kiln				183	126	113	132	149	133	98	135	178	156	156	202	146	97	142	134	130	114	179	162	200	195	242	204	275	236	276	136
	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** 07.01.2019
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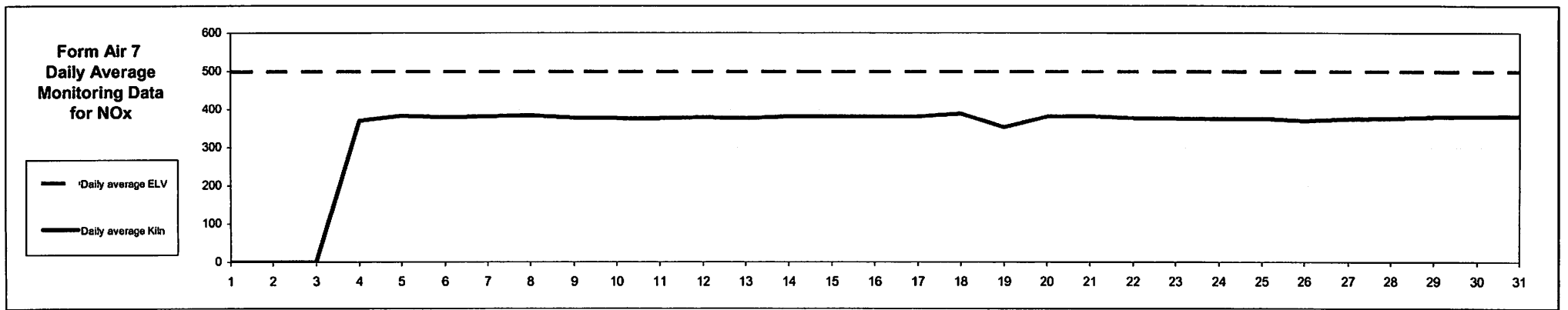
28/1/19.

Permit Reference Number: BL3986ID **Operator: Tarmac Cement & Lime Ltd**

Oct-18

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 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	390	Daily average Kiln				371	383	380	382	385	378	378	377	379	376	382	382	382	382	390	354	382	383	378	377	376	377	370	376	376	381	382	384
Daily average	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** 07.01.2019

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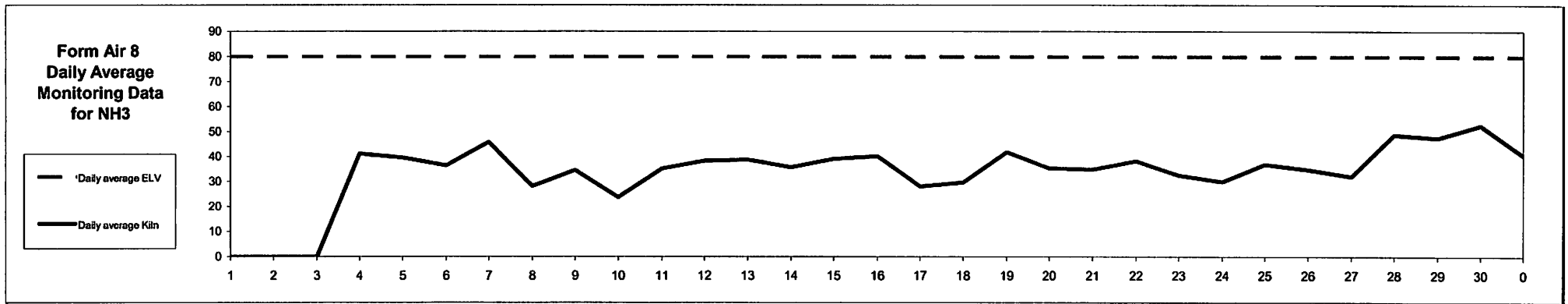
28/1/19

Permit Reference Number: BL3986ID **Operator: Tarmac Cement & Lime Ltd**

Oct-18

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 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
	Monthly maximum	53	Daily average Kiln	0	0	0	41	40	36	46	28	35	24	35	38	39	36	39	40	28	30	42	35	35	38	33	30	37	35	32	49	48	53	41
Daily average	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	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** 07.01.2019

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

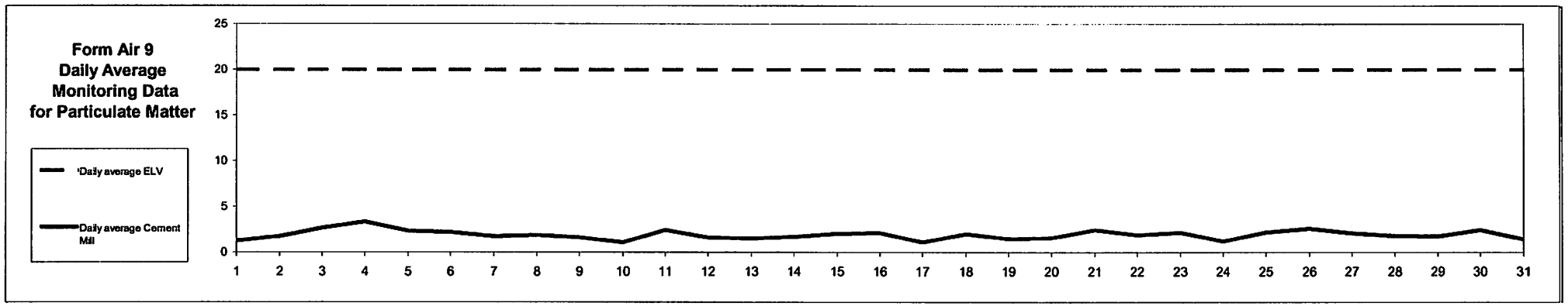
28/1/19.

Permit Reference Number: BL3986ID **Operator: Tarmac Cement & Lime Ltd**

Oct-18

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
	Monthly maximum	3	Daily average Cement Mill	1.28	1.77	2.70	3.37	2.37	2.24	1.77	1.92	1.63	1.10	2.47	1.64	1.52	1.72	2.08	2.15	1.13	2.05	1.50	1.60	2.50	1.94	2.20	1.23	2.24	2.64	2.12	1.83	1.79	2.48	1.47
	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** 07.01.2019

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

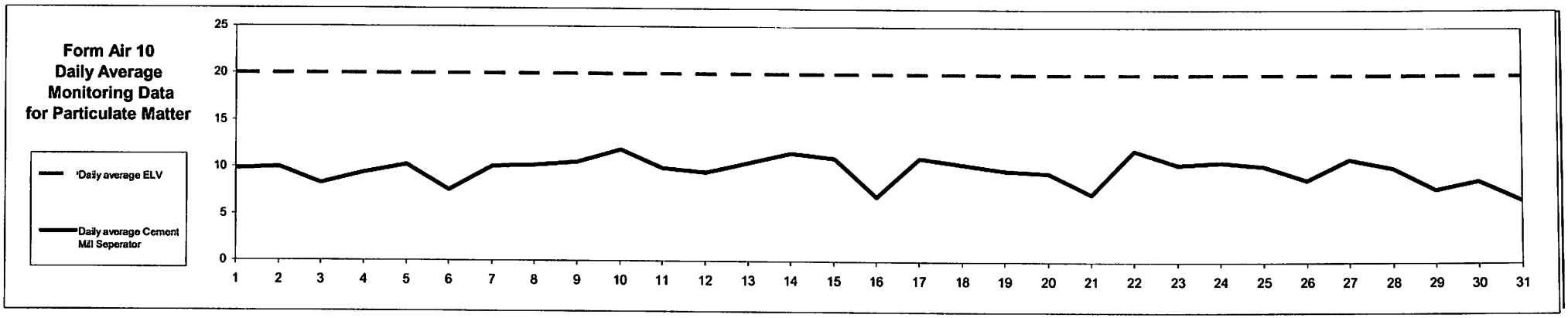
28/1/19.

Permit Reference Number: BL3986ID

Operator: Tarmac Cement & Lime Ltd
Oct-18

Installation: Aberthaw Works

Cement Mill Seperator 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	31
			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	12	Daily average Cement Mill Sepe	9.82	10.00	8.28	9.43	10.28	7.59	10.12	10.23	10.58	11.90	9.95	9.49	10.54	11.57	11.04	6.93	11.06	10.41	9.77	9.50	7.26	11.93	10.44	10.70	10.30	8.83	11.00	10.12	7.83	8.79	6.76
Daily average	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** 07.01.2019
(Authorised to sign as representative of Tarmac Cement & Lime Ltd)

28/1/19.