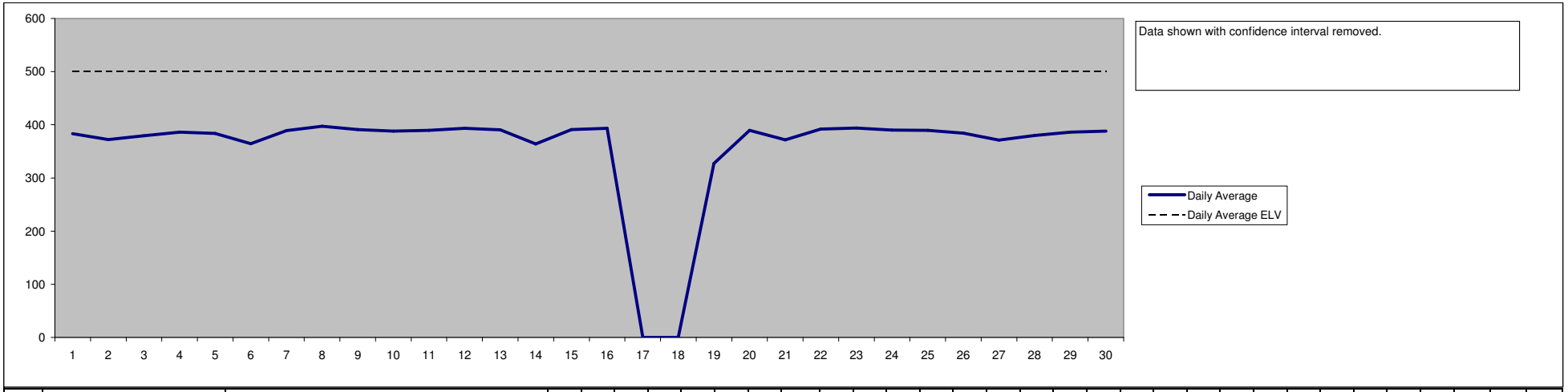
Permit Reference Number: BL3986
Installation: Aberthaw Works
Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Oxides of Nitrogen for: Jun-16

Operator: Lafarge Tarmac Cement & Lime Ltd
Form Number: Air 7 / 31 August 2010



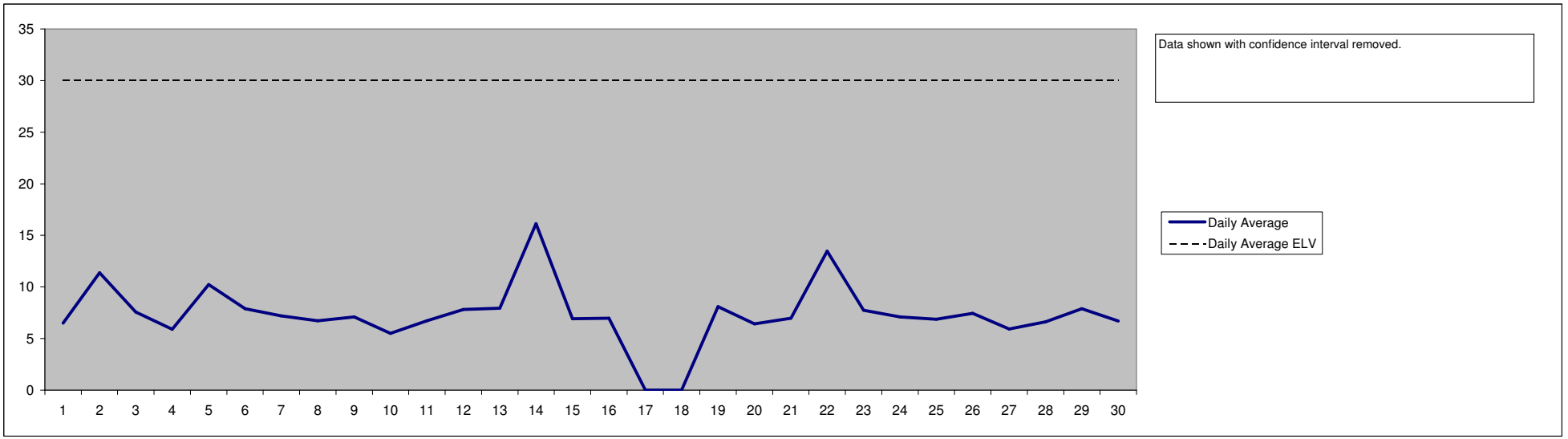
NOx			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Daily Average	Monthly Summary		Daily Average ELV	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Monthly Maximum	397.16	Daily Average	383	372	380	386	384	364	389	397	391	388	390	393	391	364	391	393	0	0	327	389	372	392	394	390	389	384	371	380	386	388
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?	N	N	N	N	N	N	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: Kara Bennett, Environment Coordinator (via Kara.Bennett@tarmac.com)
(authorised to sign as representative of Lafarge Tarmac Cement and Lime Ltd)

25.07.2016

Permit Reference Number: BL3986
Installation: Aberthaw Works
Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Particulate Matter for: Jun-16

Operator: Lafarge Tarmac Cement & Lime Ltd
Form Number: Air 2 / 31 August 2010



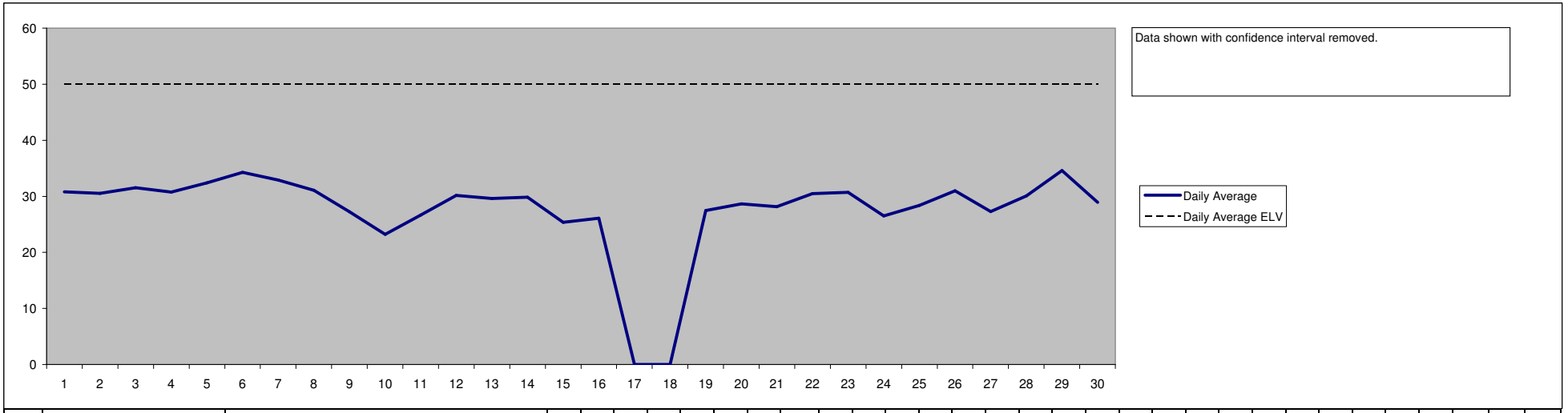
PM			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Daily Average	Monthly Summary		Daily Average ELV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	Monthly Maximum	16.14	Daily Average	6.49	11.4	7.58	5.91	10.2	7.9	7.21	6.728	7.1	5.51	6.73	7.81	7.95	16.1	6.92	6.97	0	0	8.09	6.41	6.97	13.5	7.74	7.09	6.87	7.45	5.91	6.63	7.9	6.71
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?	N	N	N	N	N	N	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: Kara Bennett, Environment Coordinator (via Kara.Bennett@tarmac.com)
(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

25.07.2016

Permit Reference Number: BL3986
Installation: Aberthaw Works
Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Volatile Organic Matter for:

Operator: Lafarge Tarmac Cement & Lime Ltd
Form Number: Air 3 / 31 August 2010
Jun-16



VOC			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	Monthly Summary		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	34.61	Daily Average	30.8	30.5	31.5	30.8	32.4	34.3	32.9	31.08	27.2	23.2	26.7	30.2	29.6	29.8	25.4	26.1	0	0	27.4	28.7	28.1	30.5	30.7	26.5	28.4	31	27.3	30.1	34.6	28.9
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?	N	N	N	N	N	N	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: Kara Bennett, Environment Coordinator (via Kara.Bennett@tarmac.com)
(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

25.07.2016

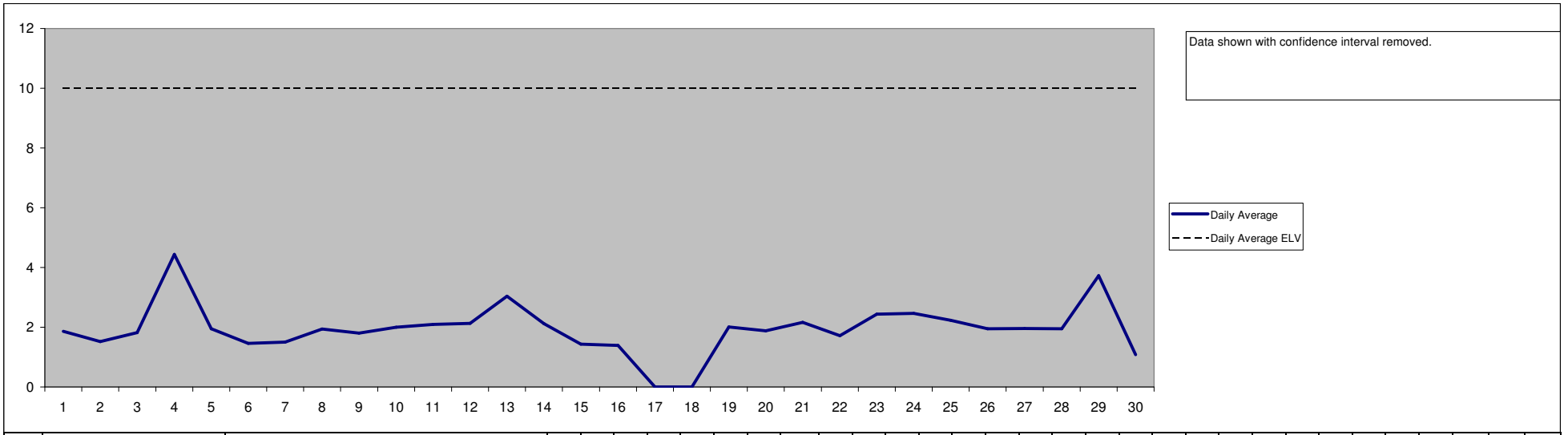
Permit Reference Number: BL3986

Operator: Lafarge Tarmac Cement & Lime Ltd

Installation: Aberthaw Works

Form Number: Air 4 / 31 August 2010

Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for HCl for: Jun-16



HCl			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	Monthly Summary		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	4.44	Daily Average	1.87	1.52	1.82	4.44	1.95	1.46	1.5	1.937	1.8	2	2.09	2.13	3.04	2.12	1.43	1.39	0	0	2.01	1.88	2.16	1.72	2.43	2.47	2.23	1.95	1.96	1.95	3.73	1.08
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?	N	N	N	N	N	N	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: Kara Bennett, Environment Coordinator (via Kara.Bennett@tarmac.com) 25.07.2016

(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

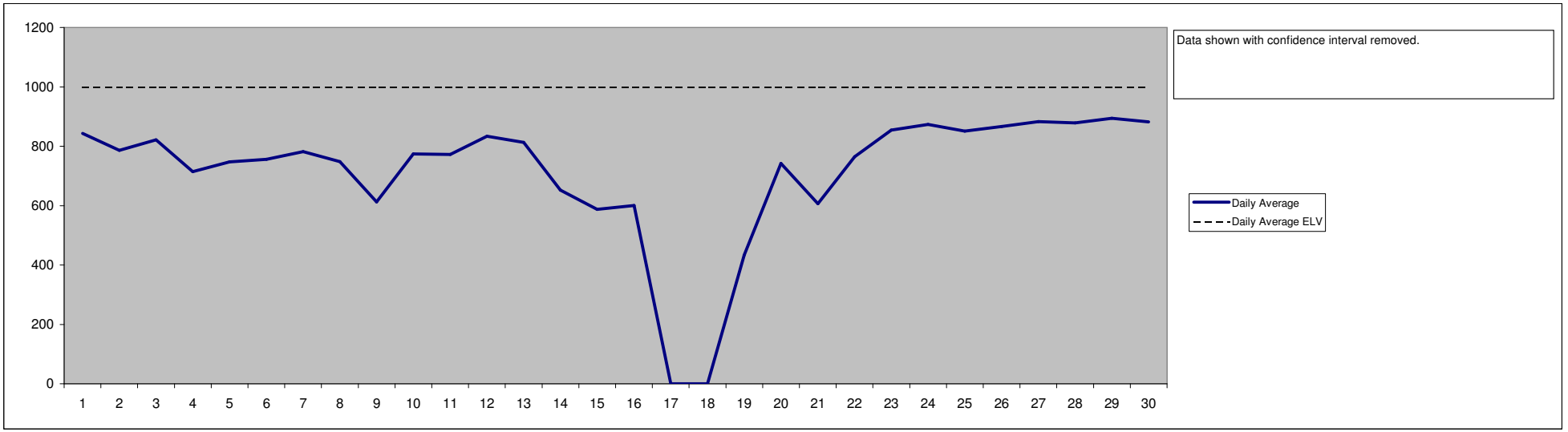
Permit Reference Number: BL3986

Operator: Lafarge Tarmac Cement & Lime Ltd

Installation: Aberthaw Works

Form Number: Air 5 / 31 August 2010

Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Carbon Monoxide for: Jun-16



CO			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	Monthly Summary		Daily Average ELV	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	Monthly Maximum	894.09	Daily Average	843	786	821	715	747	756	782	748.1	612	774	773	833	813	653	588	600	0	0	434	742	607	765	854	873	851	866	883	878	894	882
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?	N	N	N	N	N	N	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: Kara Bennett, Environment Coordinator (via Kara.Bennett@tarmac.com) 25.07.2016

(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

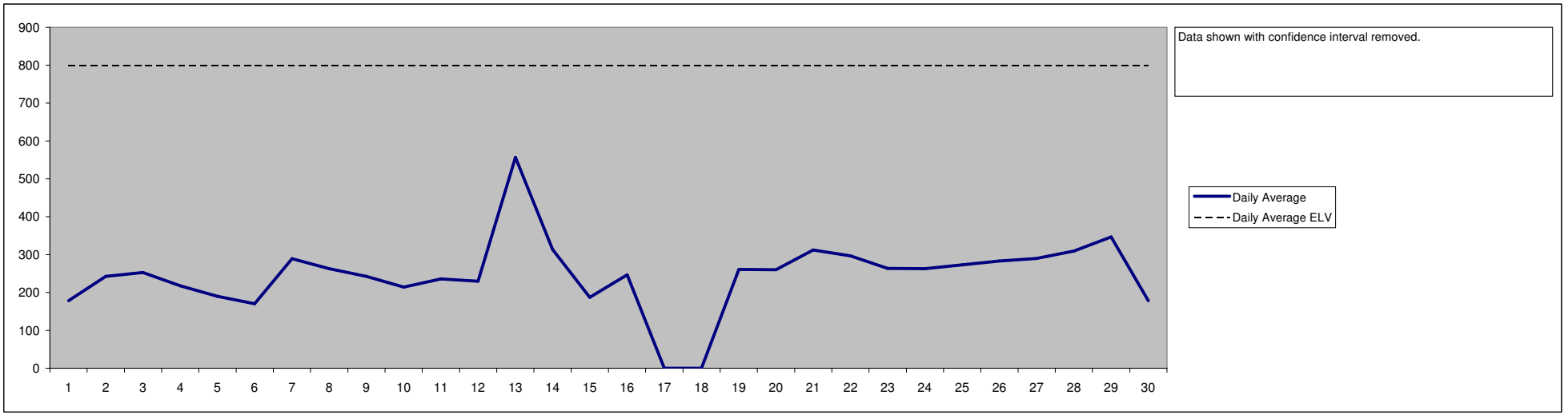
Permit Reference Number: BL3986

Operator: Lafarge Tarmac Cement & Lime Ltd

Installation: Aberthaw Works

Form Number: Air 6 / 31 August 2010

Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Sulphur Dioxide for: Jun-16



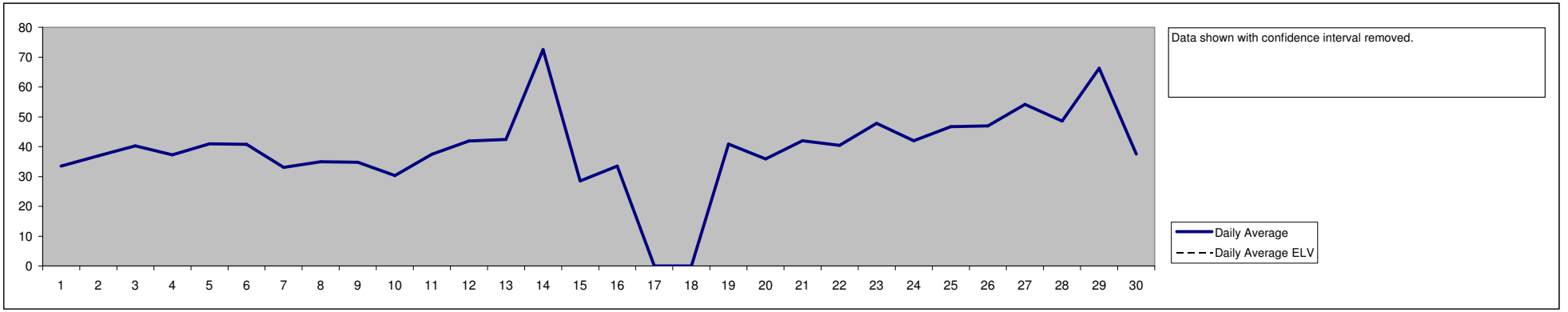
SO2			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Daily Average	Monthly Summary		Daily Average ELV	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
	Monthly Maximum	556.72	Daily Average	178	242	252	218	190	171	289	262.7	242	214	236	230	557	314	187	247	0	0	261	260	312	297	263	263	273	283	290	309	347	179
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?	N	N	N	N	N	N	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: Kara Bennett, Environment Coordinator (via kara.bennett@tarmac.com) 25.07.2016

(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

Permit Reference Number: BL3986
Installation: Aberthaw Works
Reporting of Continuously Monitored Emissions to Air from Emission Point A1 of Ammonia for: Jun-16

Operator: Lafarge Tarmac Cement & Lime Ltd
Form Number: Air 8 / 31 August 2010



NH3			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	Monthly Summary		Daily Average ELV																														
	Monthly Maximum	72.50	Daily Average	33.5	36.9	40.2	37.3	41	40.8	33	34.91	34.8	30.3	37.4	41.9	42.4	72.5	28.5	33.5	0	0	40.9	35.9	42	40.4	47.8	41.9	46.7	46.9	54.2	48.6	66.3	37.5
	No. of invalid days	0	Value Valid? (if more than 5 dropped then N else Y)	Y	Y	Y	Y	Y	Y	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	0	Value exceeds ELV?																														

Signed: Kara Bennett, Environment Coordinator (via Kara.Bennett@tarmac.com) 25.07.2016
(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)