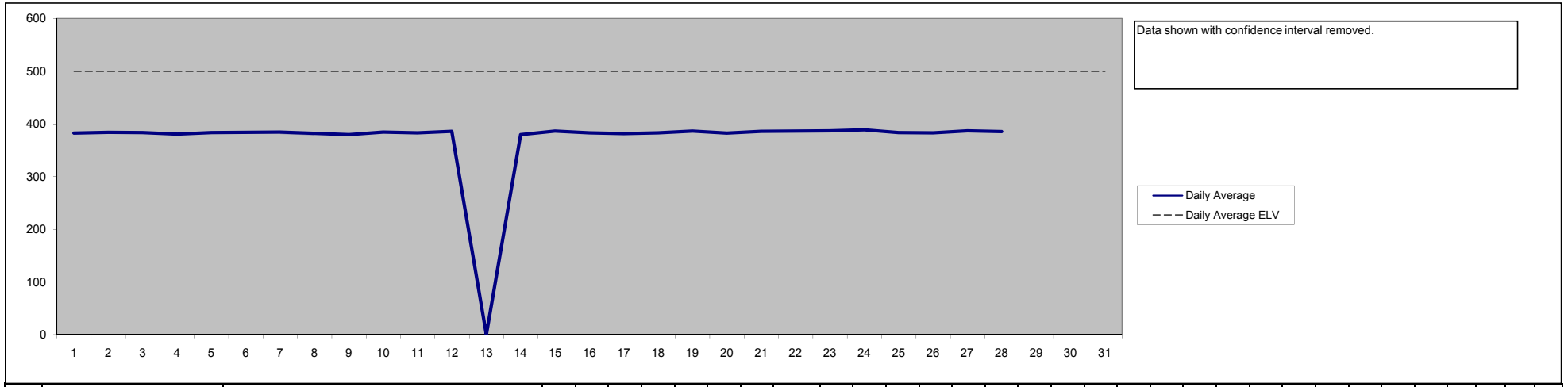
Permit Reference Number: BL3986
Installation: Aberthaw Works
Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Oxides of Nitrogen for: May-15

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



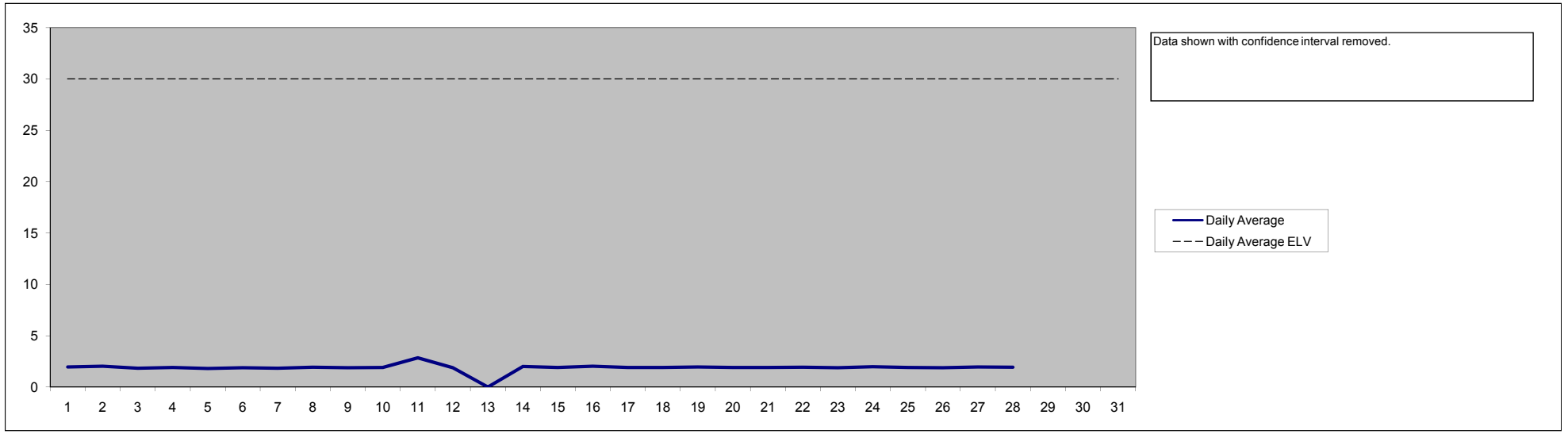
NOx			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Daily Average	Monthly Summary		Daily Average ELV	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Monthly Maximum	388.85	Daily Average	382	384	384	381	383	384	384	382.23	380	385	383	386	0	380	387	383	381	383	386	383	386	387	387	389	384	383	387	386			
	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	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?	N	N	N	N	N	N	N	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@lafargetarmac.com)
(authorised to sign as representative of Lafarge Tarmac Cement and Lime Ltd)

26.06.2015

Permit Reference Number: BL3986
Installation: Aberthaw Works
Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for Particulate Matter for: May-15

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



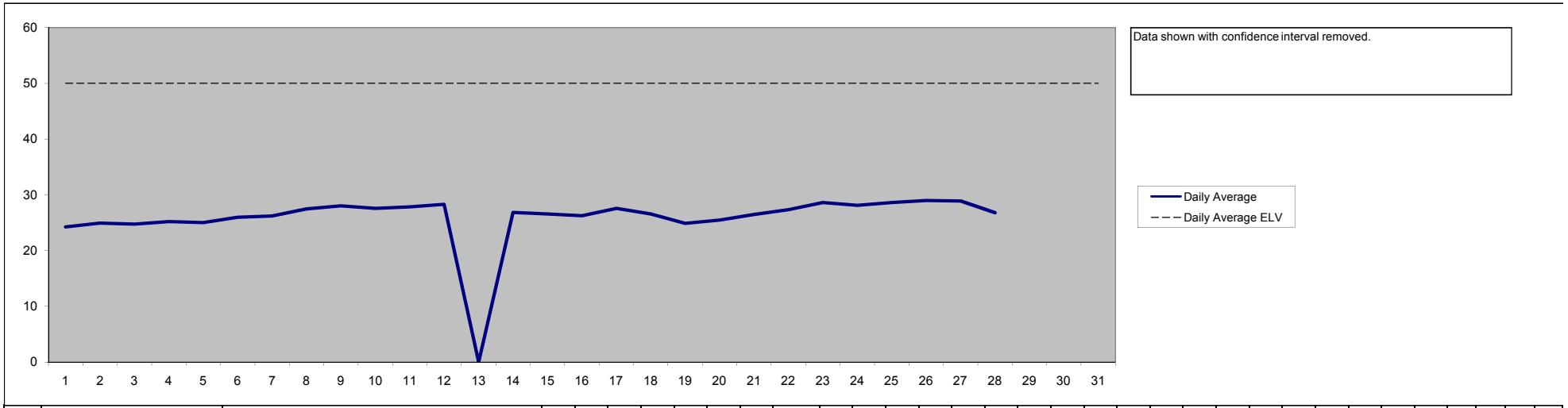
PM			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Daily Average	Monthly Summary		Daily Average ELV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	Monthly Maximum	2.85	Daily Average	1.96	2.03	1.83	1.91	1.82	1.87	1.84	1.9306	1.88	1.9	2.85	1.87	0	2.01	1.91	2.04	1.9	1.9	1.96	1.9	1.9	1.94	1.87	1.98	1.91	1.87	1.96	1.9			
	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	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?	N	N	N	N	N	N	N	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@lafargetarmac.com)
(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

26.06.2015

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
May-15



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	31
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	50
	Monthly Maximum	28.98	Daily Average	24.3	24.9	24.7	25.2	25	26	26.2	27.469	28	27.6	27.9	28.3	0	26.8	26.6	26.3	27.6	26.6	24.9	25.5	26.5	27.3	28.6	28.1	28.6	29	28.9	27			
	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	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?	N	N	N	N	N	N	N	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@lafargetarmac.com) 26.06.2015
(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)

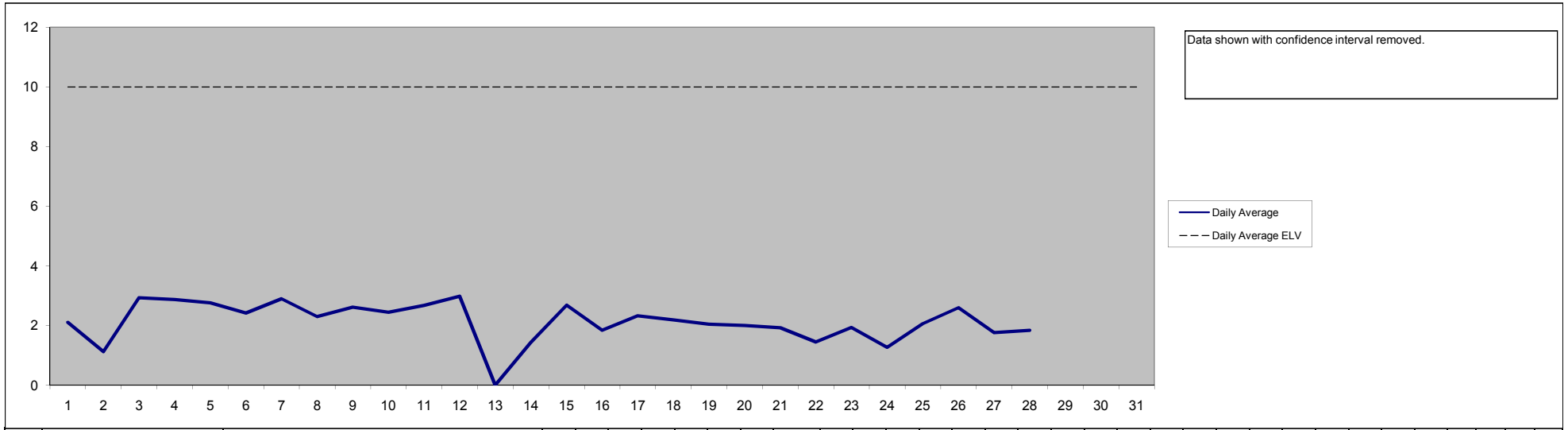
Permit Reference Number: BL3986

Operator: Lafarge Tarmac Cement & Lime Ltd

Installation: Aberthaw Works

Form Number: Air 4 / 31 August 2010

Reporting of Continuously Monitored Emissions to Air from Emission Point A1 for HCl for: May-15



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	31
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	10
	Monthly Maximum	2.98	Daily Average	2.11	1.12	2.93	2.87	2.76	2.42	2.89	2.2993	2.61	2.44	2.68	2.98	0	1.43	2.68	1.84	2.32	2.19	2.04	2	1.92	1.44	1.93	1.27	2.06	2.6	1.76	1.8			
	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	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?	N	N	N	N	N	N	N	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@lafargetarmac.com) 26.06.2015

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

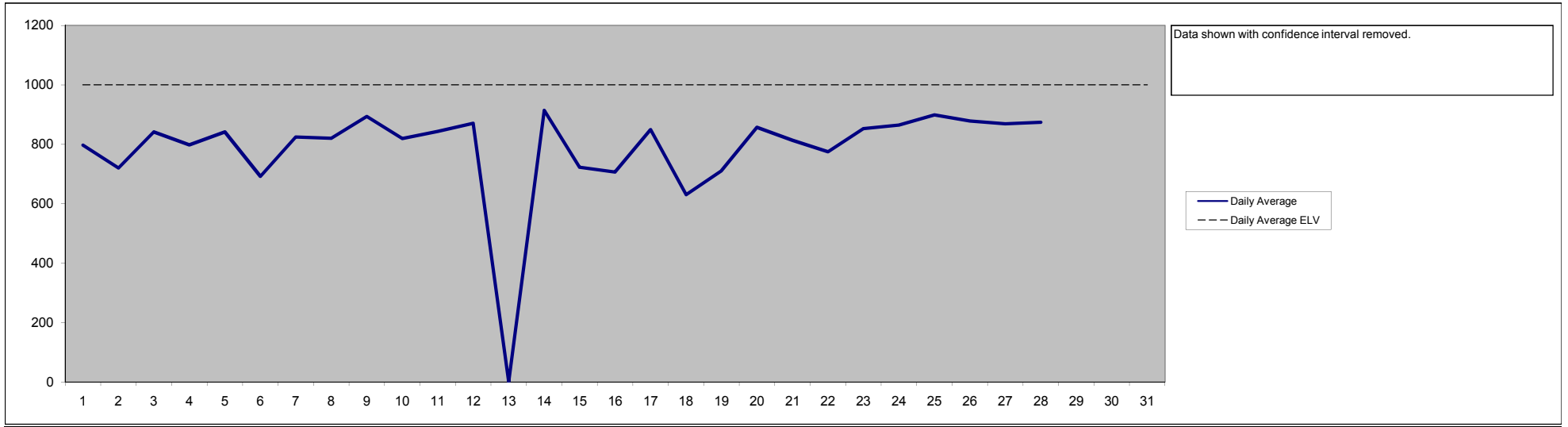
Permit Reference Number: BL3986

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: May-15



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	31
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	###	###	###	###
	Monthly Maximum	914.34	Daily Average	797	720	842	798	841	692	825	820.51	893	820	844	871	0	914	722	706	850	631	711	857	814	775	853	865	899	878	869	874			
	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	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?	N	N	N	N	N	N	N	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@lafargetarmac.com) 26.06.2015

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

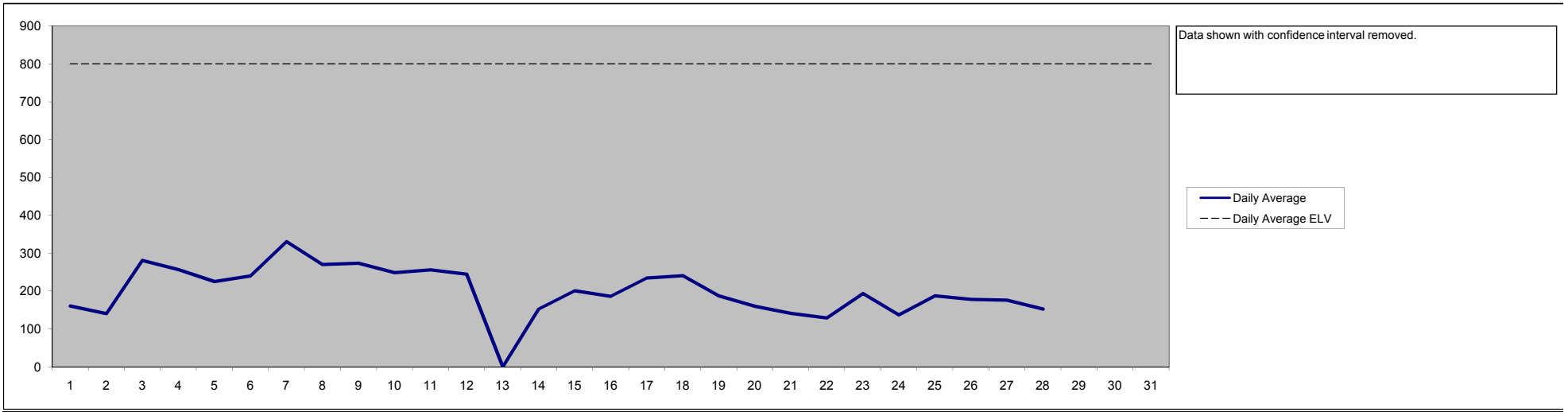
Permit Reference Number: BL3986

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: May-15



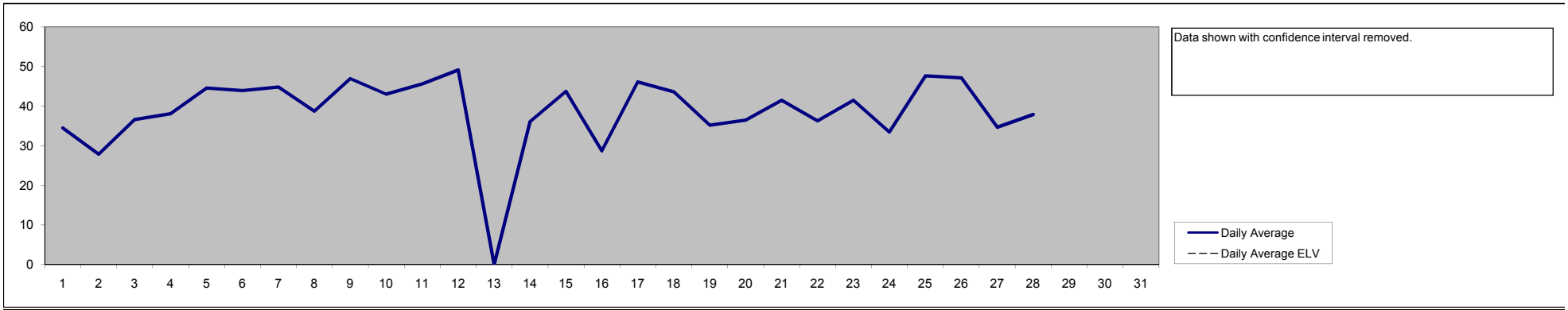
SO2			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Daily Average	Monthly Summary		Daily Average ELV	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
	Monthly Maximum	330.42	Daily Average	161	140	281	256	225	240	330	269.7	273	248	256	244	0	152	200	186	234	240	187	160	141	129	194	137	187	178	176	152			
	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	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?	N	N	N	N	N	N	N	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: Robert Fairless, Environment Coordinator (via robert.fairless@lafargetarmac.com) 14.04.2015

(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: May-15

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	31
Daily Average	Monthly Summary		Daily Average ELV																															
	Monthly Maximum	49.16	Daily Average	34.5	27.9	36.6	38.1	44.6	44	44.9	38.75	47	43	45.6	49.2	0	36.1	43.7	28.7	46.1	43.7	35.2	36.5	41.5	36.3	41.5	33.5	47.7	47.2	34.7	38			
	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	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?																															

Signed: Kara Bennett, Environment Coordinator (via Kara.Bennett@lafargetarmac.com) 26.06.2015
(authorised to sign as representative of Lafarge Tarmac Cement andf Lime Ltd)