

June

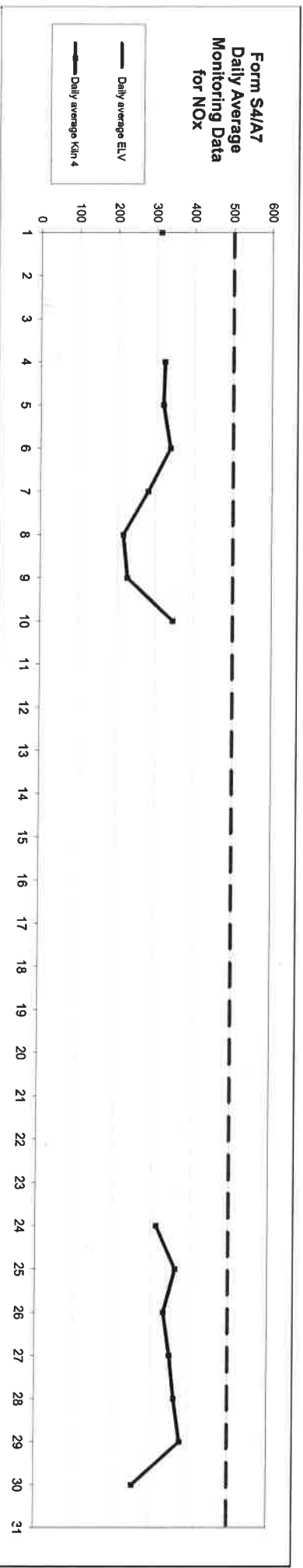
RECEIVED  
26 JUN 2013

Permit Reference Number: BL10961B/V010

Operator: Castle Cement Ltd

Installation: Padeswood Works

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



Kiln 4

June 2013	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	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	Daily average Kiln 4	376	312	332	319	337	280	215	226	346																						
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	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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

Kiln in Shut Down

Signed N Sharpe  
(Authorised to sign as representative of Castle Cement Ltd) Date 26/07/2013

568 PM

MONITORING RETURNS N. WALLS

CHECKED BY AUTHORIZATION

TRACKING

ON MON PUBLIC REGISTER

DATE MONITORING

INITIALS DATE

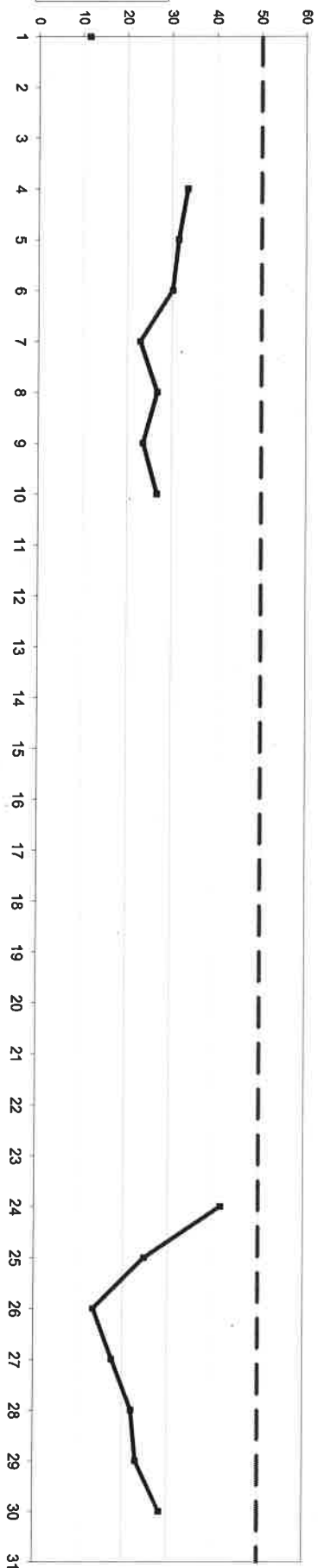
88 6-8-12

UB 26-7-13

SL 6-8-12

UB 6-8-12

Form S4/A3  
 Daily Average  
 Monitoring Data  
 for TOC



Kiln 4

June 2013		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	
Monthly maximum		Daily average kiln 4		11			33	31	30	23	27																							
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	

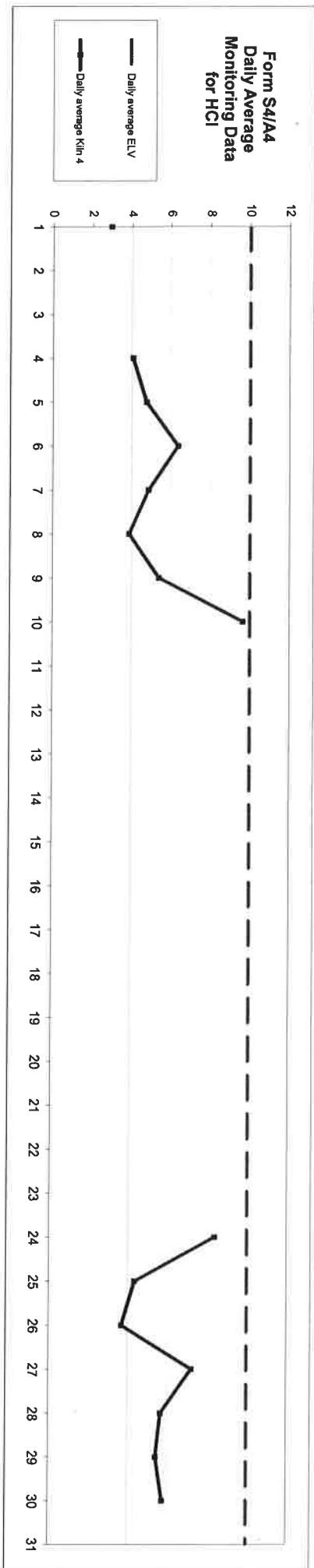
Kiln in Shut Down

Signed N Sharpe  
 (Authorised to sign as representative of Castle Cement Ltd)  
 Date 26/07/2013

Permit Reference Number: BL10961BV010  
Installation: Padeswood Works

Operator: Castle Cement Ltd

Kiln Report of Continuous Monitored Emissions from Kiln 4 (Emission Point A6)



Kiln 4		June 2013																														Date	
Daily average	Monthly maximum	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	
	No. of invalid days	3	Y	Y	Y	Y	Y	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		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Kiln in Shut Down																																	

Signed  
(Authorised to sign as representative of Castle Cement Ltd)

N Shape  
Date 26/07/13

**Operator: Castle UK Cement Ltd**

nt A8)

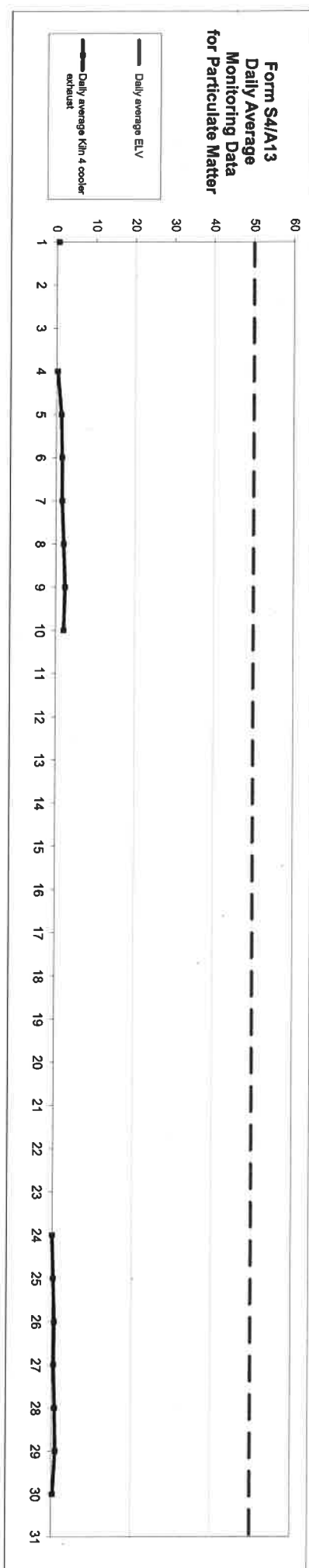


7	8	9	10	11
1200	1200	1200	1200	1200
008	087	720	792	
Y	Y	Y	Y	Y
N	N	N	N	N

Permit Reference Number: BL109615/V010  
Installation: Padeswood Works

Operator: Castle Cement Ltd

Kiln Report of Continuous Monitored Emissions from Kiln 4 cooler exhaust (Emission Point A9)



Kiln 4 cooler exhaust																																
June 2013		Date																														
Monthly maximum	2	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	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	
No. of invalid days		Daily average Kiln 4 cooler exhaust	0.6	0.6	0.3	1.3	1.5	1.6	2.0	2.1																						
Total invalid 1/2 hours		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	
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	

Kiln Shut Down Midnight 30/03/13

Signed N Sharpe  
(Authorised to sign as representative of Castle Cement Ltd)  
Date 26/07/2013

Sox  
pm

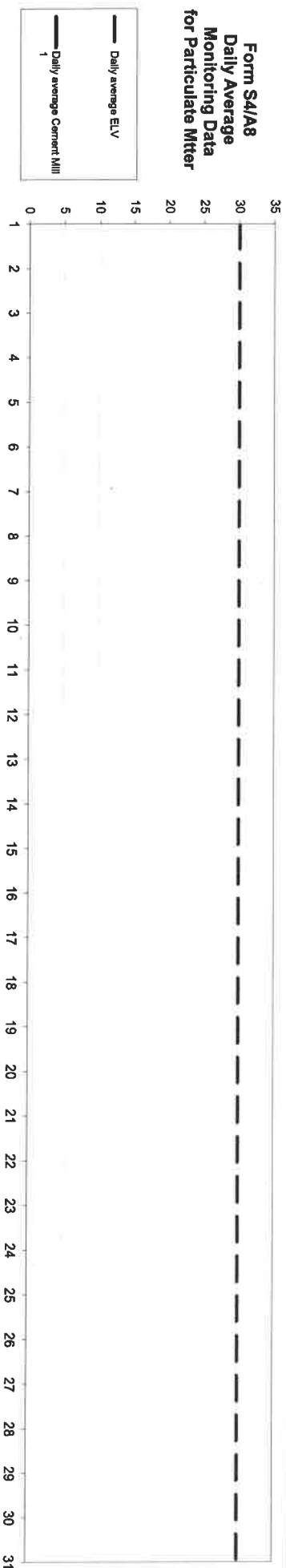
Permit Reference Number: BL1096IB/V010

Operator: Castle Cement Ltd

Installation: Padeswood Works

Kiln Report of Continuous Monitored Emissions from Cement Mill 1 (Emission Point A3)

Form S4/A8  
Daily Average  
Monitoring Data  
for Particulate Matter



Cement Mill 1

		June 2013																															
		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	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																															
Daily average		Daily average Current Mill 1																															
		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	
		Total invalid 1/2 hours																															
		No. of invalid 1/2 hours																															
		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
		Sum of exceedances																															

Mill 1 not in Operation

Signed  
(Authorised to sign as representative of Castle Cement Ltd)

N Sharpe

Date 26/07/2013

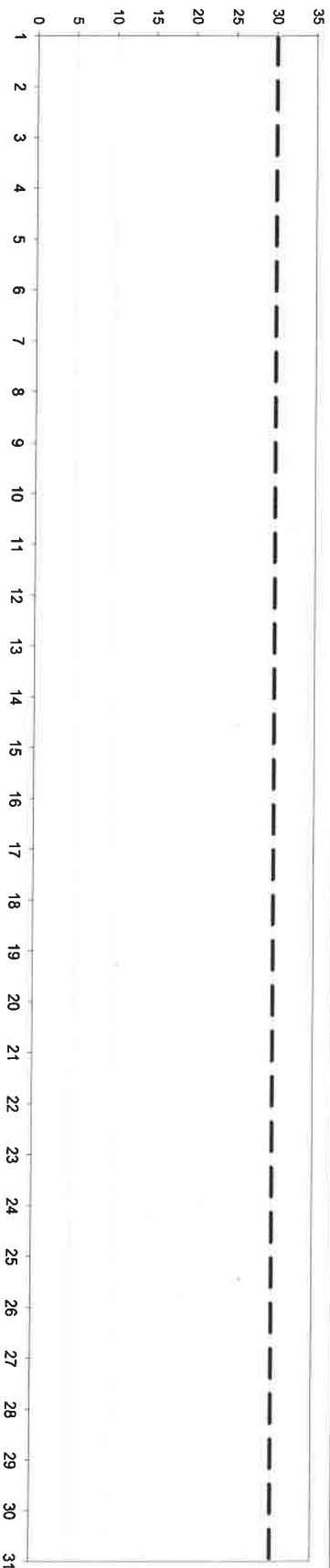
Permit Reference Number: BL10961B/V010

Operator: Castle Cement Ltd

Installation: Padeswood Works

Kiln Report of Continuous Monitored Emissions from Cement Mill 2 (Emission Point A4)

Form SA/A9  
Daily Average  
Monitoring Data  
for Particulate Matter



Cement Mill 2

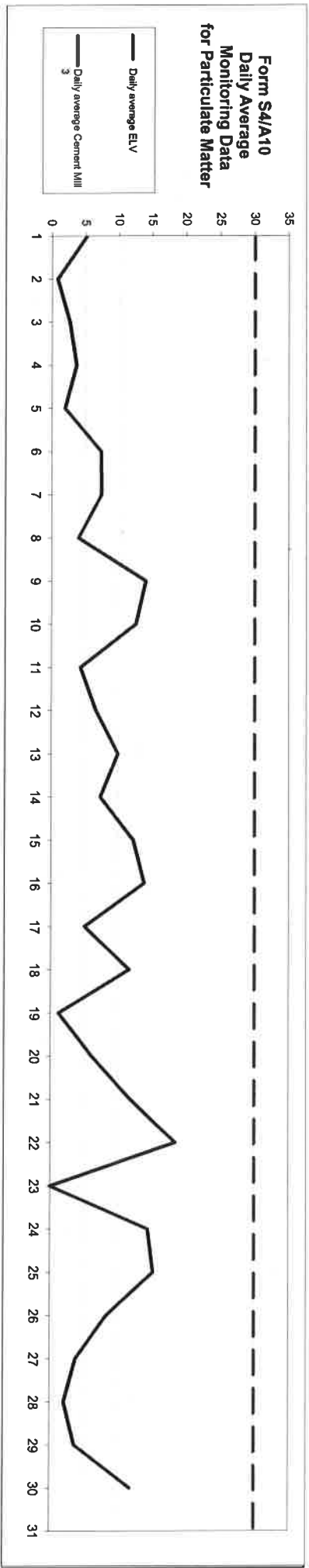
Daily average	June 2013																																	
		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Daily average ELV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
		Monthly maximum																																
		Daily average Current Mill 2																																
		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	
	Total invalid 1/2 hours																																	
	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	

Mill 2 not in Operation

Signed N Sharpe  
(Authorised to sign as representative of Castle Cement Ltd)

Date 26/07/2013

Permit Reference Number: BL10961BM010  
 Installation: Padeswood Works  
 Operator: Castle Cement Ltd  
 Kiln Report of Continuous Monitored Emissions from Cement Mill 3 (Emission Point A5)



Cement Mill 3																																
June 2013																																
	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	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
Daily average	Monthly maximum																															
	No. of invalid days	19																														
	Value exceeds?	Y	Y	Y	Y	Y	Y	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																															
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	
	Value exceeds ELV (Y/N)																															

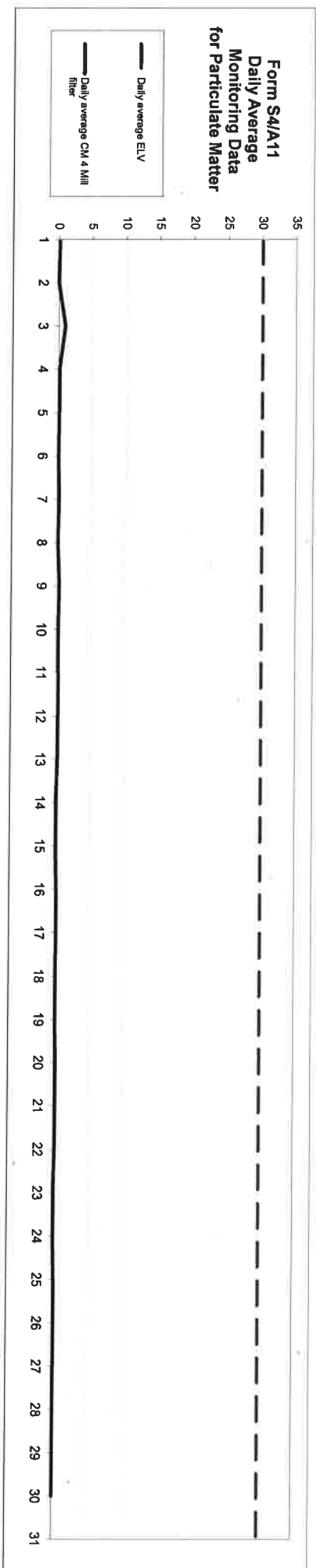
Signed N Sharpe  
 (Authorised to sign as representative of Castle Cement Ltd)  
 Date 26/07/2013



Permit Reference Number: BL10961B/V010  
Installation: Padeswood Works

Operator: Castle Cement Ltd

Kiln Report of Continuous Monitored Emissions from Cement Mill 4 - mill filter (Emission Point A6)



Cement Mill 4 - mill filter																																
June 2013																																
Date																																
Daily average ELV																																
Monthly maximum																																
No. of invalid days																																
Daily average CM 4 mill filter																																
Value mlt?																																
No. of invalid 1/2 hours																																
Value exceeds ELV (Y/N)																																
Sum of exceedances																																
	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	
	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	
1	0.1		1.0	0.2	0.1	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	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

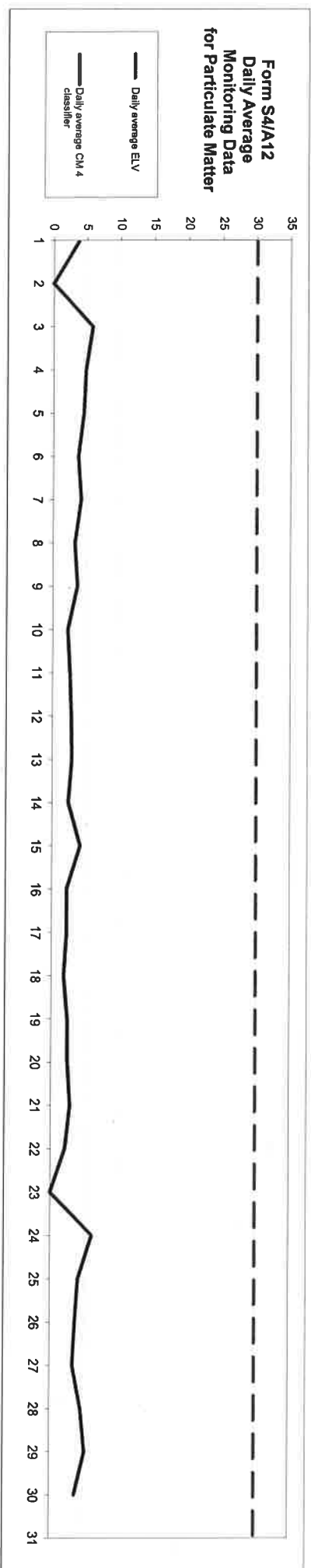
Signed N Sharpe  
(Authorised to sign as representative of Castle Cement Ltd)

Date 26/07/2013

Permit Reference Number: BL109618/V010  
Installation: Padeswood Works

Operator: Castle Cement Ltd

Kiln Report of Continuous Monitored Emissions from Cement Mill 4 - classifier (Emission Point A7)



Cement Mill 4 - classifier		June 2013																														
Daily average	Monthly maximum	3.0																														
	No. of invalid days	0																														
	Total invalid 1/2 hours	0																														
	Sum of exceedances	0																														

Signed N Shaple  
(Authorised to sign as representative of Castle Cement Ltd)

Date 26/07/2013

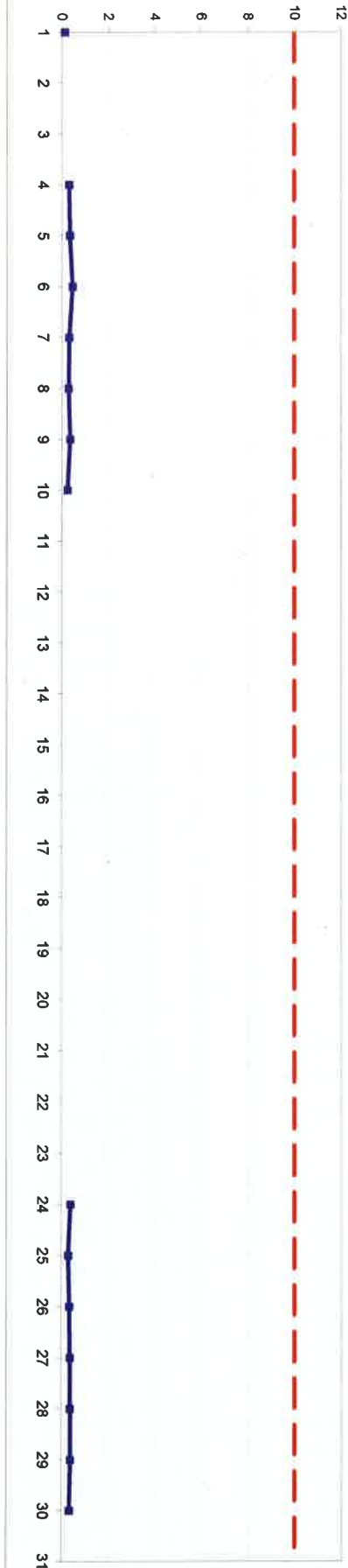
Permit Reference Number: BL10961BW010

Operator: Castle Cement Ltd

Installation: Padeswood Works

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

Form S4/A2  
Daily Average  
Monitoring Data  
for Particulate Matter



Kiln 4

June 2013		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	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	
	No. of invalid days	Daily average Km 4	0.1	0.1	0.3	0.4	0.5	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.3		
	Total Invalid 1/2 hours	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		
	Sum of exceedances	No. of invalid 1/2 hours																															
		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	

Kiln off for maintenance 11-23 June.

Signed  
(Authorised to sign as representative of Castle Cement Ltd)

N Sharpe  
Date 26/07/2013

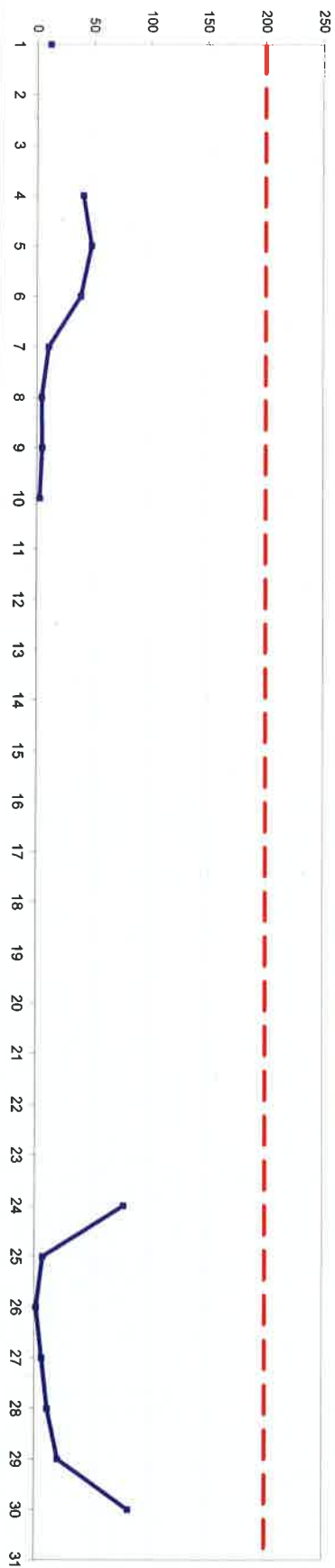
Permit Reference Number: BL10961BMV010

Operator: Castle Cement Ltd

Installation: Padeswood Works

Kiln Report of Continuous Monitored Emissions from Kiln 4 (Emission Point A6)

Form S4/A6  
Daily Average  
Monitoring Data  
for SOx



Kiln 4

June 2013		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		200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	Monthly maximum																																
	82	Daily average Kiln 4	12			41	48	38	10	4	5	3													78	7	2	6	11	20	82		
	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	
Total invalid 172 hours		No. of invalid 172 hours																															
		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
Sum of exceedances																																	

Kiln in Shut Down

Signed  
(Authorised to sign as representative of Castle Cement Ltd)

N Sharpe

Date 26/07/2013