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VOLUME 3

ATTACHMENT Q TO

TECHNICAL REPORT ON THE DEMONSTRATION
OF THE FEASIBILITY OF
NO_x EMISSIONS REDUCTION
AT RIVERSIDE CEMENT COMPANY,
CRESTMORE PLANT

Gerald L. Young
Russ Mac Mann
Riverside Cement Company

John Croom, Ph.D.
Quantitative Applications

January 13, 1986

VOLUME 3

ATTACHMENT Q

- Q. C. Phillips, JCP Associates, Pounds of NOx per Ton of
Clinker Daily Data Sheets, August 1984 to October 1985.

POUNDS OF NO_x PER TON OF CLINKER
DAILY DATA SHEETS

Craig Phillips
JCP Associates
Riverside, CA

August 1984 to October 1985

POUNDS OF NO_x PER TON OF CLINKER

DAILY DATA SHEETS

The daily 6-minute data sheets are contained in this Attachment. Each data sheet has a heading using the following format:

EMISSIONS FOR OXYYY

Where:

X = the last digit of the year
(i.e., 05 is 1985)

YYY = the day of the year (i.e.,
123 is the 123rd day of the
year, starting at 001 for
January 1)

The hours of each day are arranged in a column on the left side of the page starting with 12 midnight (0000) and proceeding through 11 p.m. (2300).

The data for each hour is read from left to right for that hour with an hourly average in the right most column.

A key to symbols used is provided at the bottom of the data and some pertinent statistics are centered at the bottom of the page.

EMISSIONS FOR 05223

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.79	2.09	2.28	2.34	2.36	2.43	2.70	2.68	2.53	2.36
0100-	2.45	2.74	2.82	2.84	3.08	3.35	4.83	5.79	6.66	7.33	4.19
0200-	7.73	8.01	8.23	8.55	8.53	8.53	8.34	8.31	8.55	9.29	8.41
0300-	7.51	8.31	8.02	7.86	7.82	7.22	7.11	7.02	6.35	6.15	7.34
0400-	6.03	6.17	5.60	4.85	4.40	4.20	3.60	3.92	3.68	3.32	4.58
0500-	3.40	3.80	5.89	6.54	6.47	6.51	6.52	4.59	5.09	5.57	5.44
0600-	5.30	5.62	5.47	5.92	6.93	6.81	6.96	7.42	7.31	7.04	6.48
0700-	5.10	5.84	6.26	5.44	3.41	5.10	10.62	13.90	10.27	7.80	7.37
0800-	4.91	4.96	7.25	7.23	7.03	6.61	5.53	6.49	6.97	7.22	6.42
0900-	7.10	6.70	6.46	6.21	6.54	7.18	6.51	5.86	5.97	6.18	6.47
1000-	6.96	7.33	6.98	7.06	5.42	5.84	6.17	6.36	6.39	5.92	6.44
1100-	6.36	6.10	6.01	5.95	5.45	5.26	4.78	4.58	4.61	4.67	5.38
1200-	4.81	4.91	4.58	4.39	4.57	4.37	4.78	5.23	5.54	5.57	4.88
1300-	5.10	5.42	6.14	6.07	5.76	6.21	6.31	5.87	5.34	5.38	5.76
1400-	4.62	4.60	4.43	4.16	4.44	4.27	4.13	4.37	4.41	4.49	4.39
1500-	4.82	5.00	4.96	5.00	4.93	4.74	4.29	3.96	3.11	3.17	4.40
1600-	3.10	3.23	2.70	2.72	2.60	2.24	2.52	2.80	2.77	3.09	2.78
1700-	3.31	3.13	3.40	3.58	3.33	3.45	3.29	3.33	3.58	3.75	3.42
1800-	3.83	4.25	4.23	4.74	4.76	4.32	4.47	4.30	4.74	4.75	4.44
1900-	4.44	5.15	4.76	5.31	5.86	5.92	5.79	5.59	5.63	6.17	5.46
2000-	6.04	6.52	6.07	5.91	6.05	5.59	5.89	5.63	5.26	5.50	5.85
2100-	5.13	4.76	5.38	5.39	5.11	5.59	4.52	4.24	4.67	4.20	4.90
2200-	3.59	3.83	3.49	3.30	3.16	3.48	3.40	3.36	3.45	3.56	3.46
2300-	3.71	3.98	4.52	3.87	4.46	4.64	4.34	4.94	4.42	4.97	4.39

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

=====

Arithmetic Weighted

=====

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.22 5.19
 1.713 ---
 2.933 ---
 239 239

5.22
 1.713
 2.933
 239

=====

EMISSIONS FOR 05222

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.48	2.41	2.48	2.53	2.44	2.56	2.99	2.99	3.08	2.66
0100-	3.02	2.81	2.86	2.76	2.61	2.15	2.19	2.22	1.94	1.84	2.44
0200-	1.67	1.78	2.04	2.13	2.32	2.60	2.78	2.99	3.06	3.27	2.46
0300-	3.28	3.41	3.53	3.69	3.58	3.46	3.30	3.20	3.32	3.60	3.44
0400-	3.37	2.99	2.96	3.10	3.38	3.41	3.28	3.18	3.11	2.81	3.16
0500-	3.03	2.59	2.46	2.56	2.55	2.51	2.69	2.56	2.15	2.17	2.53
0600-	2.43	2.73	2.73	2.70	2.76	2.62	2.53	2.49	2.53	2.59	2.61
0700-	2.58	2.46	2.53	2.30	2.37	2.57	2.63	2.54	2.55	2.53	2.51
0800-	2.56	2.90	2.93	2.66	2.78	3.08	3.93	3.79	3.62	3.61	3.18
0900-	3.72	3.79	3.53	3.22	3.20	2.95	3.02	2.91	2.58	2.53	3.15
1000-	2.97	2.75	2.70	2.17	1.87	2.06	2.19	2.20	1.92	1.98	2.28
1100-	2.15	2.12	1.98	2.16	2.75	2.65	2.81	2.76	2.66	2.90	2.50
1200-	2.65	2.04	1.88	2.11	1.92	1.86	1.66	1.57	1.65	1.59	1.89
1300-	1.72	1.65	1.74	1.68	1.67	1.76	1.79	1.77	1.77	1.82	1.74
1400-	1.88	1.81	1.91	2.02	1.99	1.83	2.03	2.03	2.08	2.04	1.96
1500-	1.97	1.91	2.08	2.41	1.94	1.88	2.15	2.32	1.83	1.73	2.02
1600-	1.97	1.86	1.50	1.84	1.70	1.42	1.31	1.58	1.55	1.56	1.63
1700-	1.74	1.73	1.44	1.73	1.81	1.59	1.48	1.79	1.70	1.63	1.66
1800-	1.67	1.83	1.82	1.94	1.82	1.77	1.84	1.84	2.21	2.11	1.89
1900-	2.18	2.61	2.20	2.01	2.37	2.17	2.00	2.31	2.34	1.91	2.21
2000-	2.00	1.92	1.68	1.56	1.51	1.50	1.33	1.43	1.73	1.72	1.64
2100-	1.48	1.49	1.86	1.68	1.53	1.51	1.67	1.59	1.39	1.41	1.56
2200-	1.46	1.52	1.40	1.43	1.59	1.77	1.51	1.47	1.50	1.55	1.52
2300-	1.34	1.33	1.33	1.21	1.27	1.26	1.46	1.58	1.69	1.67	1.42

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	2.25	2.25	
Std Deviation	0.635	0.635	
Variance	0.403	0.403	
Number	239	239	

EMISSIONS FOR 05221

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.96	2.94	3.23	3.04
1100-	2.99	3.08	3.51	4.09	4.38	4.68	4.77	4.33	4.27	3.64	3.98
1200-	3.88	3.86	3.99	3.74	4.07	4.22	4.46	3.94	4.07	3.99	4.02
1300-	4.29	4.30	4.23	3.68	4.09	4.69	4.44	4.16	3.69	3.33	4.09
1400-	2.94	2.68	2.89	2.81	3.24	3.10	2.70	2.93	3.07	3.36	2.97
1500-	3.55	3.53	3.18	2.97	2.91	2.73	2.67	2.64	3.18	3.06	3.04
1600-	2.98	3.22	3.31	3.36	3.39	3.52	3.47	3.55	3.30	3.41	3.35
1700-	3.35	3.20	3.24	3.43	3.74	3.94	4.21	4.10	3.95	3.70	3.69
1800-	3.74	3.85	4.01	4.00	3.98	4.32	4.49	4.60	4.48	4.22	4.17
1900-	3.99	3.86	3.20	2.56	2.55	2.65	2.45	2.26	2.17	2.26	2.79
2000-	2.24	2.04	1.98	2.10	2.18	2.12	2.31	2.40	2.65	2.91	2.29
2100-	3.06	3.15	3.21	3.02	2.99	2.75	2.82	2.66	2.58	2.55	2.88
2200-	2.55	2.45	2.49	3.28	3.13	2.70	2.54	2.48	2.46	2.52	2.66
2300-	2.54	2.27	2.17	2.21	2.26	2.76	2.39	2.45	2.34	2.41	2.38

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 107
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 133

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	3.25	3.25	
Std Deviation	0.724	0.724	
Variance	0.524	0.524	
Number	133	133	

EMISSIONS FOR 05220

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.89	8.64	8.91	9.10	9.67	10.93	11.27	11.12	11.09	10.07
0100-	11.80	11.79	11.99	11.85	12.63	14.35	11.49	10.87	10.26	9.49	11.65
0200-	8.52	5.74	5.00	4.90	4.45	4.59	4.50	3.98	4.07	3.62	4.94
0300-	3.27	3.07	3.05	2.70	2.79	2.78	2.57	2.60	2.44	2.15	2.74
0400-	2.04	2.16	2.04	2.06	2.46	2.81	3.22	3.62	4.20	4.49	2.91
0500-	4.81	5.01	5.13	5.57	6.58	6.75	6.39	6.21	5.13	1.70	5.33
0600-*	8.99*	3.70*	4.06*	2.98*	3.28*	2.47*	0.35*	0.11*	0.12*	0.20	2.63
0700-*	0.30*	0.38*	0.33*	0.24*	0.41*	0.58*	0.50*	0.42*	0.43*	0.40	0.40
0800-*	0.43*	0.32*	14.68*	0.27*	0.49*	0.47*	0.59*	1.02*	1.13*	1.31	2.07
0900-*	0.61*	0.62*	0.75*	0.75*	0.50*	0.68*	0.85*	0.68*	0.66*	0.83	0.69
1000-*	1.45*	1.27*	1.09*	0.89*	1.07*	0.89*	0.89*	0.77*	0.87	(1)	1.02
1100-*	0.19*	0.08*	0.07*	0.11*	2.39*	1.79*	1.84	(1)	(1)	(1)	0.92
1200-	(1)	(1)	(1)	(1)	(1)	2.82*	2.81*	2.52*	1.89*	2.30	2.47
1300-*	2.78*	3.82*	0.37*	0.14*	0.43*	0.26*	0.24	(1)	(1)	(1)	1.15
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.26*	0.32*	0.32	0.30
1500-*	0.34*	0.78*	1.20*	10.70*	2.37*	1.11*	15.96*	27.74*	25.83*	22.56	10.86
1600-*	25.10*	19.18*	20.30*	17.68*	19.79*	20.07*	31.81*	34.57*	52.91*	41.57	28.30
1700-*	45.79*	31.33*	83.67*	84.74*	0.67	1.29	1.98	1.75	1.52	1.70	25.44
1800-	1.56	1.98	2.25	2.65	2.32	2.55	2.47	2.42	2.79	2.99	2.40
1900-	4.60	4.94	5.10	5.13	4.70	5.29	5.87	6.75	6.98	6.35	5.57
2000-	6.10	5.60	2.98	2.83	2.58	1.96	1.80	1.68	1.61	1.25	2.84
2100-	1.41	(1)	1.85	1.08	1.18	1.20	1.52	2.36	2.48	2.28	1.71
2200-	3.37	3.59	3.93	3.50	2.78	3.01	2.45	2.47	2.52	2.65	3.03
2300-	2.69	3.25	3.47	3.52	3.57	3.79	4.21	3.84	4.69	5.14	3.82

* Kiln Speed less than or equal to 20 RPH : 97
 (1) No value taken or data not retrievable : 21
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 122

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NOx in pounds per ton of clinker produced

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	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
=====			
Average	5.93	4.50	4.63
Std Deviation	10.787	---	3.124
Variance	116.363	---	9.758
Number	219	219	122
=====			

EMISSIONS FOR 05219

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	11.83	(1)	13.01	11.62	11.57	8.17	8.48	7.38	7.24	9.91
0100-	7.30	6.94	6.80	6.91	6.62	6.82	(1)	(1)	(1)	(1)	6.90
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 226
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 15

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

8.87 -0.75
 2.421 ---
 5.863 ---
 15 15

8.87
 2.421
 5.863
 15

EMISSIONS FOR 05218

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.70	4.68	4.43	5.11	5.16	3.93	3.71	3.87	3.82	4.38
0100-	3.79	3.55	3.40	3.38	3.27	3.28	3.43	3.76	4.06	3.61	3.55
0200-	4.23	4.10	3.23	2.78	2.86	3.45	3.31	3.09	3.29	3.46	3.38
0300-	3.58	3.27	2.82	2.66	2.37	2.09	1.82	2.07	1.61	1.61	2.39
0400-	1.75	2.12	1.59	1.98	2.21	1.65	1.82	1.84	2.85	2.13	2.00
0500-	2.04	2.40	3.22	2.91	2.50	3.52	3.21	3.52	3.72	4.68	3.17
0600-	5.26	5.49	6.95	6.78	6.42	5.10	4.41	3.44	3.20	2.64	4.97
0700-	2.11	2.01	1.97	2.52	2.81	2.86	2.11	2.33	2.34	2.33	2.34
0800-	2.27	2.24	3.15	2.64	2.52	2.21	1.69	1.30	1.30	1.14	2.05
0900-	1.44	1.45	2.93*	22.81*	55.61*	31.74*	20.71*	18.28*	1.99*	7.52	16.45
1000-	*12.22*	32.27*	43.53*	21.16	(1)	(1)	(1)	(1)	(1)	(1)	27.29
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 11
 (1) No value taken or data not retrievable : 137
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 92

=====			=====		
NOx in pounds per ton of clinker produced					
=====			=====		
ALL NON-ZERO DATA			KILN SPEED > 20 rph		
=====			=====		
Arithmetic	Weighted		Arithmetic		
=====	=====		=====		
Average	5.36	3.33	3.08		
Std Deviation	8.303	---	1.212		
Variance	68.940	---	1.470		
Number	103	103	92		
=====			=====		

EMISSIONS FOR 05217

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.35	3.62	3.69	3.80	3.83	3.91	3.78	3.69	3.48	3.68
0100-	3.37	3.12	3.16	3.36	3.70	3.72	3.86	3.83	3.68	4.33	3.61
0200-	3.70	4.07	4.64	4.50	4.65	4.50	4.73	4.46	4.38	4.40	4.40
0300-	4.49	4.75	3.79	3.91	3.95	3.56	3.23	3.15	2.77	2.61	3.62
0400-	2.42	1.97	2.56	2.20	2.33	2.77	2.95	2.54	2.63	2.25	2.46
0500-	2.38	2.37	2.15	2.75	2.78	2.73	3.45	4.17	5.07	6.43	3.43
0600-	8.08	7.15	7.20	6.95	6.85	5.72	3.65	5.88	4.02	4.15	5.96
0700-	4.61	4.50	4.83	5.75	5.69	5.75	6.15	7.02	6.58	5.42	5.63
0800-	5.87	5.73	6.11	6.32	6.25	6.32	6.87	6.92	6.92	6.10	6.34
0900-	6.62	6.72	6.15	6.08	5.76	6.59	6.24	5.33	5.31	5.84	6.06
1000-	5.02	4.63	4.79	4.57	4.65	4.39	4.49	4.24	4.19	5.04	4.60
1100-	5.36	6.47	7.29	7.02	7.49	8.11	8.93	9.95	10.29	10.41	8.13
1200-	7.54	3.82	9.69	9.51	9.53	10.31	10.87	11.07	11.28	10.59	9.42
1300-	10.36	10.81	11.04	10.66	10.19	10.79	9.95	10.13	9.57	9.03	10.25
1400-	7.86	7.16	6.13	5.37	4.73	4.87	4.76	4.53	4.37*	4.84	5.46
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 91
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 148

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.55	5.56	
Std Deviation	2.415	2.422	
Variance	5.831	5.867	
Number	149	148	

EMISSIONS FOR 05216

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	11.48	1.64	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.56
0100-	7.86	11.18	9.88	8.52	7.97	7.78	7.29	6.92	6.93	6.77	8.11
0200-	6.84	7.08	6.73	6.56	6.28	6.60	6.69	6.55	6.44	6.47	6.62
0300-	5.59	5.78	5.15	4.92	4.66	4.63	4.59	4.47	4.58	4.56	4.89
0400-	4.44	4.45	4.25	4.14	4.16	4.15	4.39	4.26	4.55	4.65	4.34
0500-	4.82	5.00	4.96	5.70	5.60	5.25	4.77	5.12	4.77	4.51	5.05
0600-	4.53	3.99	3.94	3.86	3.74	3.96	4.39	4.12	4.72	4.81	4.21
0700-	3.98	5.06	8.72	6.53	6.62	11.29	8.04	8.94	10.03	10.50	7.97
0800-	10.72	11.11	11.11	11.62	11.40	12.09	12.67	11.68	10.59	9.89	11.29
0900-	10.51	9.78	9.67	8.97	8.06	8.85	10.44	8.86	7.42	11.90	9.45
1000-	12.55	8.12	12.46	12.51	11.61	10.35	10.02	9.95	10.48	10.01	10.81
1100-	10.07	10.58	9.78	10.31	11.12	11.80	10.88	12.02	11.52	11.79	10.99
1200-	8.02	11.82	11.46	11.83	12.02	10.61	(1)	(1)	0.74	4.82	8.91
1300-	12.01	11.30	7.81	11.12	11.18	10.07	9.48	8.79	7.82	6.90	9.65
1400-	6.39	6.17	5.54	5.31	4.65	4.07	4.35	3.96	3.96	4.11	4.85
1500-	3.76	3.82	3.83	3.96	4.04	4.16	4.34	4.06	3.70	3.58	3.93
1600-	4.01	3.81	3.83	3.58	3.74	3.82	3.77	3.67	3.44	3.12	3.68
1700-	3.17	3.38	3.37	3.08	3.21	3.81	4.18	3.94	4.86	4.39	3.74
1800-	4.52	4.67	4.87	4.69	5.07	5.81	4.85	5.72	4.86	4.59	4.96
1900-	4.76	4.09	4.01	3.59	3.81	3.21	2.77	3.41	3.45	3.12	3.62
2000-	3.28	3.68	3.62	3.76	3.62	3.62	3.48	3.51	3.54	3.19	3.53
2100-	3.19	3.34	3.60	3.46	3.40	3.39	3.22	3.06	3.22	2.72	3.26
2200-	2.59	2.64	2.39	2.59	3.21	2.47	2.98	2.82	2.98	3.15	2.78
2300-	3.16	3.53	3.25	3.46	2.89	3.24	2.99	2.94	3.20	3.29	3.19

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 10
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 230

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.06	6.06	
Std Deviation	3.050	3.050	
Variance	9.300	9.300	
Number	230	230	

EMISSIONS FOR 05215

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.56	10.33	8.74	8.53	7.73	7.08	6.33	6.32	6.56	8.02
0100-	6.93	7.20	7.32	7.63	9.19	9.70	9.00	10.12	10.50	10.83	8.84
0200-	11.07	10.35	11.52	10.14	8.05	8.53	8.14	7.88	7.74	7.23	9.06
0300-	6.62	7.24	7.06	6.54	6.32	7.08	8.19	8.76	8.85	9.18	7.58
0400-	9.84	10.64	10.83	10.70	11.88	12.37	12.22	12.27	12.62	13.24	11.66
0500-	9.33	11.11	12.30	11.71	11.91	10.81	11.28	10.83	10.18	10.97	11.04
0600-	10.23	9.47	9.17	8.00	6.10	5.92	5.89	5.37	4.59	3.99	6.87
0700-	4.00	3.92	4.36	4.38	4.19	4.45	4.65	4.84	5.04	5.73	4.56
0800-	5.99	5.83	6.38	6.62	6.66	6.67	6.26	5.34	5.39	4.40	5.95
0900-	3.93	3.86	3.28	2.90	2.87	2.69	2.45	1.91	3.01	1.65	2.86
1000-	1.52	1.47	1.53	1.20	1.22	1.28	1.28	1.47	2.04	2.09	1.51
1100-	1.89	2.25	2.34	3.37	2.34	2.45	2.61	2.56	2.85	3.01	2.57
1200-	3.30	4.07	4.55	5.43	5.42	6.32	6.81	8.87	8.25	10.16	6.32
1300-	12.27	13.86	14.05	6.77	(1)	(1)	11.47	12.83	12.06	11.90	11.90
1400-	12.92	10.41	10.63	11.29	12.71	12.15	11.77	10.79	9.52	8.98	11.12
1500-	8.91	9.64	9.48	9.27	8.51	7.88	7.26	8.08	9.13	9.21	8.74
1600-	10.03	10.69	11.09	11.14	11.90	11.72	11.11	11.53	11.68	11.79	11.27
1700-	10.79	11.27	10.50	9.54	9.19	8.86	9.49	9.28	8.18	8.49	9.56
1800-	7.84	7.53	6.61	5.66	6.01	5.10	4.65	4.70	4.78	4.37	5.72
1900-	3.90	4.13	4.43	4.58	5.45	5.79	6.38	6.56	6.63	7.45	5.53
2000-	7.74	7.26	7.18	7.54	6.84	6.59	6.43	7.37	8.81	7.38	7.31
2100-	7.19	8.70	8.62	7.84	7.80	8.30	9.74	10.20	10.78	12.47	9.16
2200-	12.50	12.91	12.64	8.78	2.54	(1)	(1)	(1)	(1)	6.35	9.29
2300-	12.10	10.15	9.47	8.44	7.92	7.55	8.48	8.76	9.62	9.79	9.23

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 7
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 233

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	7.67	8.01	7.67
Std Deviation	3.173	---	3.173
Variance	10.070	---	10.070
Number	233	233	233
=====			

EMISSIONS FOR 05214

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.55	5.51	5.58	5.47	5.53	5.55	6.07	6.29	6.48	5.78
0100-	6.17	6.02	5.55	5.11	5.10	4.89	5.20	5.78	5.98	6.38	5.62
0200-	6.38	7.52	8.02	8.01	8.45	7.61	6.94	6.42	5.71	5.17	7.02
0300-	4.54	4.02	3.23	2.94	2.45	2.72	2.81	3.05	3.63	3.79	3.32
0400-	3.65	4.10	4.58	4.84	5.09	5.32	5.87	5.92	7.23	8.36	5.50
0500-	9.56	10.35	9.67	8.28	7.52	6.84	6.64	6.52	6.87	6.45	7.87
0600-	5.44	5.38	5.05	4.51	4.45	4.23	4.22	4.63	5.27	5.92	4.91
0700-	6.10	6.63	7.67	7.86	6.74	6.25	5.61	5.49	5.68	5.85	6.39
0800-	6.94	7.09	7.71	4.98	11.41	6.77	6.17	5.40	4.77	4.61	6.59
0900-	4.82	4.92	4.66	4.76	4.19	3.71	4.24	3.96	4.67	4.63	4.46
1000-	4.15	4.24	4.07	3.95	3.17	2.95	2.61	2.73	3.36	2.35	3.36
1100-	2.78	2.66	3.33	3.03	3.20	3.02	3.36	3.70	4.80	5.40	3.53
1200-	5.55	5.99	6.86	8.27	8.77	8.86	9.32	10.24	10.53	9.88	8.43
1300-	10.09	10.94	10.81	10.04	10.24	9.91	10.14	9.71	9.69	9.43	10.10
1400-	10.14	10.42	10.33	10.26	8.34	9.02	9.06	8.85	7.92	7.37	9.17
1500-	6.60	7.05	7.38	6.84	6.79	7.65	8.31	8.18	7.17	6.68	7.27
1600-	7.27	6.69	6.68	6.48	5.22	6.04	5.70	5.37	4.91	4.87	5.92
1700-	4.88	4.51	4.04	3.76	3.36	3.04	3.20	2.66	2.87	3.42	3.57
1800-	3.22	3.85	3.70	5.00	5.39	6.01	6.82	7.13	7.01	6.89	5.50
1900-	6.17	5.88	5.14	5.38	6.44	6.52	7.04	7.89	8.39	7.94	6.68
2000-	7.47	6.51	6.09	5.95	5.41	5.19	5.85	6.20	6.69	7.24	6.26
2100-	7.23	7.02	7.38	7.34	7.22	7.79	7.88	7.95	8.00	7.84	7.57
2200-	8.01	8.36	8.51	7.67	6.86	7.22	7.11	7.21	7.48	7.37	7.58
2300-	7.53	6.98	6.73	7.58	7.89	8.22	9.04	9.98	11.45	12.15	8.75

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.30	6.49	6.30
Std Deviation	2.100	---	2.100
Variance	4.408	---	4.408
Number	239	239	239
=====			

EMISSIONS FOR 05213

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	0.61	0.46	0.72	0.79	0.64	0.60	0.66	0.60	0.56	0.63
0100-	0.50	0.47	0.47	0.47	0.49	0.35	0.31	0.28	0.29	0.31	0.39
0200-	0.36	0.46	0.46	0.45	0.95	0.84	0.62	0.62*	1.56*	2.81	0.91
0300-	0.38	0.85	0.86	0.82	0.86	1.96	4.74	6.79	6.35	3.64	2.73
0400-	3.75	4.19	4.68	4.82	4.59	4.69	4.89	5.54	6.05	6.55	4.97
0500-	7.19	9.70	10.64	11.74	11.66	11.49	10.46	9.72	7.94	7.08	9.76
0600-	7.62	8.13	8.97	9.67	10.14	11.40	11.80	12.74	13.51	13.47	10.74
0700-	12.80	12.12	12.17	12.57	12.87	12.26	12.64	12.39	12.17	9.52	12.15
0800-	7.85	7.35	6.79	6.53	6.36	6.10	6.63	6.88	6.46	6.08	6.70
0900-	6.00	5.72	5.84	5.82	6.72	7.39	8.52	7.82	7.24	9.82	7.09
1000-	10.88	11.02	10.78	8.87	8.62	7.88	6.99	7.37	7.44	7.16	8.70
1100-	6.54	6.81	5.88	4.88	4.06	3.16	2.68	2.87	2.93	3.38	4.32
1200-	3.59	3.56	3.81	3.78	3.61	3.82	4.86	5.07	5.96	7.02	4.51
1300-	7.12	6.71	6.15	5.01	5.58	5.56	4.92	4.95	5.19	5.02	5.62
1400-	5.31	5.54	5.35	5.13	4.77	4.33	4.97	5.07	5.86	6.05	5.24
1500-	6.91	8.21	8.87	8.67	8.82	8.27	8.24	8.00	7.77	7.87	8.16
1600-	7.70	8.22	8.66	9.16	9.17	9.07	8.79	8.90	9.34	9.58	8.86
1700-	9.99	9.62	10.10	11.05	12.29	12.39	12.15	8.95	3.33	12.74	10.26
1800-	6.54	12.89	12.72	12.99	8.54	10.33	12.22	11.79	11.55	11.31	11.09
1900-	10.72	9.72	8.57	7.50	6.37	5.83	5.98	5.42	5.22	4.87	7.02
2000-	4.58	4.47	4.61	4.54	4.45	4.38	4.40	4.26	4.44	4.39	4.45
2100-	4.41	4.30	3.84	3.80	3.40	3.41	3.32	3.49	3.70	3.79	3.75
2200-	4.21	4.27	4.39	4.66	4.83	4.80	4.95	5.44	5.67	5.43	4.87
2300-	5.37	5.35	5.40	5.34	5.04	5.32	5.66	5.65	5.41	5.61	5.42

* Kiln Speed less than or equal to 20 RPH : 2
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 237

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.20	6.24	
Std Deviation	3.486	3.480	
Variance	12.151	12.112	
Number	239	237	
=====			

EMISSIONS FOR 05212

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	12.25	10.40	4.17	11.79	10.52	9.19	7.43	4.29	2.47	8.06
0100-	1.22	1.16	1.23	1.65	2.58	4.45	6.50	6.69	7.52	8.44	4.14
0200-	7.56	8.88	11.79	10.10	9.54	9.47	6.76	7.31	7.45	5.39	8.42
0300-	3.60	3.24	3.40	2.96	3.12	2.69	3.05	2.93	3.36	3.62	3.20
0400-	4.11	4.07	3.90	4.26	3.54	3.35	2.77	2.71	2.57	3.10	3.44
0500-	2.54	3.59	3.87	3.54	2.99	3.72	4.45	4.79	5.15	5.96	4.06
0600-	6.47	7.04	6.91	7.13	8.48	8.05	7.15	6.89	5.53	3.97	6.76
0700-	3.73	3.35	3.40	3.64	3.76	4.05	4.31	6.11	5.98	6.21	4.45
0800-	7.67	7.92	8.57	6.79	8.64	9.39	8.56	9.38	10.19	8.46	8.56
0900-	8.08	9.49	8.27	7.73	9.14	9.87	9.82	7.50	5.91	8.95	8.48
1000-	9.28	8.87	9.93	10.41	9.35	8.93	10.67	9.50	9.10	5.62	9.16
1100-	8.01	6.40	11.61	8.75	8.75	8.14	7.57	5.96	5.20	4.83	7.52
1200-	4.62	5.09	5.43	5.82	6.72	7.01	6.91	7.87	8.23	8.34	6.61
1300-	8.37	4.18	7.02	6.90	5.89	7.92	8.06	8.17	8.54	8.40	7.35
1400-	8.20	8.60	8.96	7.96	7.41	7.32	6.10	6.14	6.76	6.82	7.43
1500-	7.25	7.16	7.76	7.99	8.51	8.92	8.91	9.21	9.21	8.85	8.38
1600-	8.37	8.18	8.07	8.21	8.72	8.72	8.38	7.97	7.27	6.77	8.06
1700-	7.38	6.89	6.13	6.02	5.61	5.11	5.27	5.11	5.36	6.52	5.94
1800-	4.99	4.61	4.12	3.58	3.43	3.64	2.85	2.77	3.07	2.86	3.59
1900-	2.98	3.03	3.09	3.24	3.37	3.53	3.56	3.55	3.53	3.57	3.35
2000-	3.26	2.92	2.67	2.33	1.83	1.96	1.67	1.82	2.13	2.41	2.30
2100-	2.52	2.30	2.67	3.31	4.22	4.85	6.20	8.41	10.17	9.87	5.45
2200-	10.00	8.74	7.19	6.00	5.32	4.89	4.72	3.43	3.01	3.72	5.70
2300-	3.69	3.66	2.47	2.13	1.97	1.51	1.15	1.16	0.92	0.67	1.93

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	5.92	5.92	
Std Deviation	2.676	2.676	
Variance	7.163	7.163	
Number	239	239	
=====			

EMISSIONS FOR 05211

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	8.53	8.41	8.00	5.32	3.51	1.91	5.95
1100-	2.16	4.07	7.41	8.13	8.52	8.70	0.16	0.25	0.15	(1)	4.39
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.87	5.06	4.97
1400-	5.74	4.29	6.61	6.36	6.08	5.78	5.36	6.34	8.84	8.57	6.40
1500-	8.70	9.34	2.01	0.11	0.06	0.11	1.17	5.34	4.71	4.49	3.61
1600-	4.88	4.58	4.57	5.00	4.76	6.04	4.84	5.27	4.97	5.06	5.00
1700-	5.01	4.29	3.94	3.66	3.66	3.77	3.73	4.10	4.38	4.65	4.12
1800-	4.92	5.03	4.99	4.65	4.98	4.39	3.93	4.45	3.85	3.77	4.50
1900-	3.92	4.44	4.87	4.37	5.16	5.36	5.69	6.86	6.82	7.12	5.46
2000-	7.52	7.97	7.74	8.31	9.08	9.97	9.58	9.65	9.35	8.58	8.77
2100-	7.20	6.30	5.18	4.75	4.32	4.28	4.36	4.54	5.01	5.46	5.14
2200-	5.49	5.89	5.79	6.38	6.72	6.58	6.14	5.10	4.71	4.13	5.69
2300-	4.17	3.89	4.21	4.44	5.28	5.58	6.96	8.17	8.85	10.60	6.22

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 123
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 117

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.42	5.42	
Std Deviation	2.221	2.221	
Variance	4.932	4.932	
Number	117	117	

EMISSIONS FOR 05210

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.95	7.50	7.66	6.65	6.65	7.50	8.23	8.12	7.93	7.58
0100-	7.79	7.26	7.19	6.38	6.92	6.66	6.59	6.76	6.67	6.72	6.90
0200-	6.90	6.75	6.70	6.22	6.08	6.15	5.84	6.01	5.56	4.99	6.12
0300-	4.72	4.34	4.27	4.14	3.90	3.73	3.59	3.45	3.27	3.23	3.86
0400-	3.14	2.74	2.71	2.67	2.78	2.77	2.62	2.61	2.63	2.42	2.71
0500-	2.37	2.23	2.42	2.50	2.70	2.70	2.63	2.61	2.81	2.80	2.58
0600-	2.90	2.78	2.62	2.38	2.57	2.57	2.67	2.67	2.65	2.54	2.63
0700-	2.45	2.32	1.97	1.83	1.69	1.43	1.89	1.14	2.09	1.94	1.87
0800-	1.21	1.18	1.51	1.44	1.68	2.31	1.83	1.40	1.31	1.44	1.53
0900-	1.17	1.93	1.13	1.33	1.52	2.06	2.44	2.55	3.37	4.06	2.16
1000-	4.42	4.90	5.36	5.65	6.13	6.13	5.32	4.74	4.96	4.93	5.25
1100-	4.51	4.50	4.01	4.10	4.20	4.12	3.84	3.73	3.20	3.24	3.95
1200-	3.34	3.16	3.34	3.34	3.44	3.44	3.38	3.33	3.11	3.32	3.32
1300-	3.78	0.07	0.08	0.07	0.06	0.07	0.06	3.34	5.33	5.60	1.85
1400-	5.52	5.53	5.59	5.65	5.33	2.35	2.33	2.31	2.42	2.31	3.94
1500-	2.32	2.71	2.59	2.44	2.41	2.33	2.31	2.19	2.00	1.97	2.33
1600-	1.90	1.98	2.10	2.17	2.42	2.63	2.80	2.90	3.26	3.82	2.60
1700-	3.79	4.40	4.67	4.57	4.94	4.78	4.55	5.06	5.29	5.26	4.73
1800-	4.68	4.49	4.26	4.09	3.34	2.90	2.79	2.75	2.66	2.68	3.46
1900-	2.68	2.82	2.96	3.24	3.69	3.98	4.20	4.43	4.58	4.97	3.76
2000-	4.95	5.08	4.75	4.52	4.54	4.31	4.10	4.17	4.11	3.73	4.43
2100-	3.63	3.50	3.41	3.52	3.42	3.45	3.74	3.95	4.09	4.57	3.73
2200-	4.98	4.73	4.82	4.68	4.40	4.37	4.35	3.95	3.67	3.88	4.38
2300-	3.76	3.63	3.74	3.80	3.86	3.54	3.30	3.21	2.89	2.58	3.43

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	3.70	3.70	
Std Deviation	1.684	1.684	
Variance	2.835	2.835	
Number	239	239	
=====			

EMISSIONS FOR 05209

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.93	3.77	4.04	4.38	4.37	4.62	4.84	5.11	4.90	4.44
0100-	5.38	5.25	5.45	5.77	5.77	6.14	6.50	6.55	6.81	7.09	6.07
0200-	7.27	7.11	7.24	6.76	5.77	6.24	5.33	4.93	4.85	3.97	5.95
0300-	3.95	4.09	4.44	4.15	3.94	3.98	3.96	4.16	4.49	4.44	4.16
0400-	4.39	4.42	4.74	5.37	6.03	6.29	6.52	6.59	7.00	7.10	5.85
0500-	7.11	8.07	7.45	6.45	6.87	7.09	6.54	5.84	6.88	6.85	6.92
0600-*	5.43	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5.43
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 180
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 59

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.58	5.64	5.58
Std Deviation	1.201	---	1.211
Variance	1.442	---	1.466
Number	60	60	59

EMISSIONS FOR 05208

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.36	3.41	3.43	3.57	3.96	4.21	4.68	5.63	6.25	4.28
0100-	6.25	7.28	7.53	7.74	7.82	7.76	8.00	8.17	7.43	7.82	7.58
0200-	8.35	7.94	7.61	6.81	7.19	7.08	7.03	6.13	5.24	4.68	6.81
0300-	4.36	3.95	4.15	3.97	3.75	4.14	4.40	4.55	4.61	4.35	4.23
0400-	4.60	5.27	5.89	5.96	5.42	5.03	5.22	5.68	6.11	5.51	5.47
0500-	4.15	3.47	3.20	3.27	2.96	2.92	2.78	2.54	2.46	3.08	3.08
0600-	3.06	3.07	2.99	2.93	2.65	2.43	2.47	2.45	2.59	2.69	2.73
0700-	2.89	2.98	3.68	4.73	5.32	4.99	4.88	5.18	6.62	6.87	4.81
0800-	6.86	5.84	6.60	7.38	7.13	5.90	4.79	4.26	3.76	3.54	5.61
0900-	3.35	2.61	3.54	3.90	3.66	3.95	4.48	4.81	4.84	4.79	3.99
1000-	4.61	5.29	5.63	6.16	6.16	6.51	6.60	7.26	7.05	6.19	6.15
1100-	5.85	6.55	5.42	4.85	5.11	4.79	5.09	5.13	4.81	4.57	5.22
1200-	4.75	4.90	4.37	4.29	4.46	10.70	11.00	4.58	4.99	5.41	5.94
1300-	5.98	4.91	4.26	6.47	5.73	7.16	7.69	6.22	7.06	7.14	6.26
1400-	6.96	6.21	5.95	5.36	4.36	4.12	4.52*	4.37	(1)	(1)	5.23
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 93
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 146

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	5.16	5.17	
Std Deviation	1.667	1.672	
Variance	2.780	2.795	
Number	147	146	
=====			

EMISSIONS FOR 05207

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	11.29	11.41	11.60	11.26	10.62	10.19	10.30	10.28	9.75		10.74
0100-	8.29	8.25	7.93	8.20	9.22	9.12	8.73	8.42	8.10	7.96		8.42
0200-	7.81	7.58	6.79	7.17	7.28	7.88	8.13	8.44	8.49	8.74		7.83
0300-	9.00	9.80	9.60	9.59	5.00	9.11	8.78	7.73	6.48	5.81		8.09
0400-	5.19	4.61	4.60	4.45	4.15	4.40	4.39	4.51	4.71	5.43		4.64
0500-	6.13	6.72	7.51	8.46	8.91	9.92	10.56	10.87	10.49	10.18		8.98
0600-	8.79	9.34	8.61	8.28	7.96	7.58	6.83	6.43	6.94	7.22		7.80
0700-	7.44	6.43	10.51	10.41	2.79	4.53	4.79	6.67	6.16	10.97		7.07
0800-	5.84	4.48	3.15	4.59	5.81	6.08	6.07	4.65	3.61	0.48		4.48
0900-	0.04	0.02	(1)	(1)	0.89	0.47	0.01	0.01	0.01	(1)		0.21
1000-	(1)	(1)	(1)	(1)	(1)	0.27	3.52	3.72	3.69	3.71		2.99
1100-	3.64	3.67	3.62	3.60	3.57	3.52	3.53	3.50	3.54	3.58		3.58
1200-	3.66	1.22	1.24	1.21	(1)	(1)	1.45	1.78	3.29	2.11		2.00
1300-	3.98	3.50	3.88	3.69	3.04	3.90	3.95	3.47	3.39	3.47		3.63
1400-	3.43	3.44	3.44	3.60	3.72	4.03	4.77	5.54	5.85	5.62		4.34
1500-	6.46	6.95	6.67	6.16	5.43	5.18	4.24	4.00	3.73	4.13		5.30
1600-	4.62	5.20	5.74	5.83	6.74	7.79	8.04	8.75	8.47	8.13		6.93
1700-	7.06	6.82	6.38	5.27	4.05	3.45	3.73	3.74	3.53	2.68		4.67
1800-	2.67	2.26	2.16	2.05	2.45	2.66	2.54	2.68	3.49	4.33		2.73
1900-	3.96	4.06	4.24	3.75	3.37	2.78	2.76	2.81	2.99	3.05		3.38
2000-	3.46	3.74	4.16	4.89	6.21	6.08	5.81	6.00	6.07	5.52		5.19
2100-	4.08	3.56	3.03	2.66	2.55	2.82	2.98	2.97	2.85	3.37		3.09
2200-	4.35	4.26	5.16	6.22	6.54	7.18	7.02	7.07	7.05	7.18		6.20
2300-	7.51	7.59	8.00	7.07	6.51	6.63	5.99	4.81	4.13	3.63		6.19

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 11
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 229

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	5.48	5.68	5.48
Std Deviation	2.653	---	2.653
Variance	7.036	---	7.036
Number	229	229	229
=====			

EMISSIONS FOR 05206

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	6.89	8.02	12.22	11.77	10.85	9.87	9.23	9.02	9.73
1700-	8.20	9.60	8.08	9.05	8.21	9.91	11.45	13.35	12.32	11.50	10.17
1800-	12.02	11.45	12.80	5.38	10.29	5.83	9.24	12.85	13.21	13.59	10.67
1900-	8.18	11.98	13.41	11.54	11.18	8.85	10.34	11.27	10.51	12.44	10.97
2000-	7.15	8.69	11.14	6.18	2.72	2.36	2.76	6.66	(1)	(1)	5.96
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 194
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 46

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	9.64	9.93	9.64
Std Deviation	2.857	---	2.857
Variance	8.163	---	8.163
Number	46	46	46

EMISSIONS FOR 05205

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.06	10.41	9.99	10.59	10.81	10.66	10.58	10.97	10.70	10.53
0100-	9.37	9.41	11.45	10.39	9.27	9.44	9.16	8.42	8.29	7.56	9.28
0200-	6.91	6.92	6.79	6.96	6.86	6.37	6.32	6.21	6.30	6.20	6.58
0300-	5.85	6.38	6.33	6.25	3.71	6.43	6.23	6.95	7.73	8.16	6.40
0400-	8.77	9.46	10.66	10.53	10.38	10.32	9.22	9.86	10.40	9.71	9.93
0500-	9.87	10.61	11.02	10.84	8.83	8.35	8.12	8.14	7.04	6.69	8.95
0600-	6.67	6.93	7.51	6.35	6.01	5.62	5.68	5.48	5.19	4.84	6.03
0700-	5.14	5.00	5.21	5.61	4.43	4.91	4.42	3.73	4.43	4.80	4.77
0800-	4.35	4.35	4.65	4.99	5.14	4.89	4.59	4.86	4.59	4.54	4.69
0900-	3.96	3.82	3.18	3.11	2.90	3.03	3.32	3.85	3.85	4.48	3.55
1000-	5.16	5.93	6.67	7.42	8.14	8.59	8.44	8.23	5.38	6.73	7.07
1100-	7.83	4.18	6.71	6.06	5.80	6.04	5.32	5.24	4.89	4.42	5.65
1200-	3.75	3.89	4.08	4.60	4.81	4.76	3.20	3.54	4.32	4.87	4.18
1300-	5.27	4.06	3.44	3.91	4.87	5.07	4.75	3.84	4.25	4.55	4.40
1400-	5.14	5.09	4.50	4.33	4.40	4.28	4.35	4.39	4.07	4.09	4.46
1500-	4.07	4.03	5.18	6.01	6.45	7.10	7.87	9.42	10.08	10.35	7.06
1600-	10.65	10.27	8.85	7.73	5.81	6.68	7.63	7.38	6.90	6.72	7.86
1700-	6.80	8.48	9.45	9.76	9.69	9.59	10.45	10.44	11.12	10.72	9.65
1800-	9.15	8.69	8.79	8.67	9.37	9.91	11.52	11.93	11.75	12.06	10.18
1900-	11.07	12.04	11.66	12.10	11.44	10.99	11.25	11.45	11.49	10.49	11.40
2000-	11.53	11.08	8.50	9.40	9.03	7.35	7.57	7.72	7.58	6.90	8.67
2100-	7.78	9.05	9.66	9.67	8.15	7.31	7.61	6.61	5.32	5.19	7.63
2200-	5.51	5.29	4.94	5.11	5.11	5.40	5.49	5.66	5.87	5.76	5.41
2300-	5.71	5.57	5.22	5.38	5.07	4.80	4.73	4.63	4.74	4.79	5.06

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			=====		
NOx in pounds per ton of clinker produced					
=====			=====		
ALL NON-ZERO DATA			KILN SPEED > 20 rph		
=====			=====		
Arithmetic	Weighted		Arithmetic		
=====			=====		
Average	7.04	7.53	7.04		
Std Deviation	2.487	---	2.487		
Variance	6.184	---	6.184		
Number	239	239	239		
=====			=====		

EMISSIONS FOR 05204

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.76	6.59	6.62	7.36	7.80	7.74	8.18	8.61	8.96	7.51
0100-	9.69	8.87	8.59	8.75	9.78	8.87	8.95	9.45	7.90	9.36	9.02
0200-	10.36	9.59	10.67	9.97	9.95	10.68	10.69	10.02	11.05	9.60	10.26
0300-	9.96	9.53	9.04	10.06	4.91	8.50	8.12	7.62	7.20	7.46	8.24
0400-	8.35	8.72	7.58	6.68	5.92	5.08	5.12	4.30	4.17	3.40	5.93
0500-	3.65	3.89	4.16	4.42	4.44	4.89	4.60	4.65	4.83	5.15	4.47
0600-	5.09	4.50	4.81	5.19	5.43	5.30	5.18	3.86	4.01	5.27	4.86
0700-	7.06	4.65	4.15	6.02	9.77	13.77	7.45	6.81	5.69	4.73	7.01
0800-	4.98	4.44	3.96	4.18	5.12	4.99	4.05	3.75	3.64	3.81	4.29
0900-	4.16	4.19	4.76	4.88	4.33	4.36	5.40	6.83	7.65	8.04	5.46
1000-	8.17	8.68	8.60	8.20	7.95	7.14	7.05	7.07	6.03	5.25	7.41
1100-	3.53	3.47	3.76	3.43	2.91	2.81*	3.14	(1)	(1)	(1)	3.29
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.46	3.58	3.73	3.92
1400-	4.54	5.10	4.80	5.22	4.19	3.59	3.58	3.19	2.81	2.44	3.95
1500-	2.80	3.07	3.02	3.57	3.95	4.05	4.53	5.35	6.61	8.19	4.51
1600-	9.53	10.02	9.87	8.40	8.90	7.70	8.21	8.20	7.22	6.26	8.43
1700-	6.73	6.85	5.73	4.43	4.69	5.03	4.71	4.56	5.03	5.73	5.35
1800-	5.71	5.67	5.79	6.07	6.02	6.19	6.03	6.52	6.96	6.78	6.17
1900-	6.21	5.86	5.80	5.39	5.10	5.11	5.07	5.34	5.54	5.81	5.52
2000-	6.33	7.21	8.08	9.06	9.48	10.01	10.40	10.62	10.40	10.06	9.17
2100-	9.93	10.32	9.70	8.48	8.60	8.28	7.79	7.35	6.32	5.68	8.24
2200-	5.70	4.63	4.50	4.50	4.11	4.01	3.76	3.65	3.79	4.15	4.28
2300-	4.29	4.56	4.55	5.00	5.40	5.90	6.30	7.01	7.35	8.65	5.90

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 21
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 218

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.33	6.35	
Std Deviation	2.241	2.235	
Variance	5.020	4.996	
Number	219	218	

EMISSIONS FOR 05203

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.14	7.11	7.96	8.47	9.02	8.12	9.15	9.67	9.78	8.60
0100-	9.63	8.53	9.85	10.23	10.25	9.23	9.46	10.77	10.03	9.95	9.79
0200-	10.15	9.87	9.93	10.62	9.52	8.46	8.80	9.19	10.00	9.99	9.65
0300-	9.48	10.26	10.28	10.70	5.28	11.22	10.40	10.78	11.61	11.54	10.15
0400-	12.37	11.56	10.90	11.33	11.42	8.75	7.66	7.74	7.23	7.00	9.60
0500-	6.66	6.08	5.80	6.13	6.30	6.21	6.12	6.04	6.82	8.38	6.45
0600-	8.59	8.57	9.11	9.72	10.21	9.65	9.75	11.92	11.67	11.82	10.10
0700-	10.72	11.84	13.01	12.39	11.43	10.17	8.80	7.41	6.70	6.37	9.88
0800-	6.17	6.61	6.29	6.52	6.43	6.12	5.94	6.02	6.37	6.54	6.30
0900-	7.14	6.97	6.29	6.31	5.28	3.82	3.81	3.98	3.88	3.89	5.14
1000-	3.76	3.97	4.45	5.01	5.04	5.53	5.96	6.14	6.74	7.08	5.37
1100-	6.84	6.59	5.92	5.11	4.38	3.88	3.81	3.80	3.61	3.92	4.79
1200-	3.57	3.93	3.92	4.04	4.26	3.98	4.18	4.29	4.35	4.15	4.07
1300-	4.37	4.67	5.11	5.09	5.40	5.50	5.74	6.92	7.35	7.91	5.81
1400-	8.06	7.83	7.74	8.14	8.47	8.65	8.46	7.78	7.71	6.92	7.98
1500-	6.17	5.34	4.90	4.60	4.35	4.11	3.96	4.38	4.07	3.82	4.57
1600-	4.00	4.11	4.14	4.22	4.23	4.21	4.48	4.93	5.23	5.39	4.49
1700-	5.45	6.10	6.75	6.64	6.79	6.90	6.94	6.95	6.96	6.36	6.58
1800-	5.83	6.24	6.75	5.75	5.08	5.46	6.18	5.99	4.26	4.47	5.60
1900-	5.05	5.14	4.27	4.03	4.74	5.06	4.56	3.86	3.81	3.98	4.45
2000-	4.48	4.67	4.01	3.59	4.31	4.82	3.35	3.53	3.97	4.18	4.09
2100-	3.19	3.76	5.12	5.90	5.77	5.04	6.46	7.87	7.60	6.72	5.74
2200-	5.84	6.21	6.70	5.82	5.04	4.71	4.34	3.62	3.11	3.65	4.90
2300-	3.85	3.82	4.24	4.06	3.98	4.28	4.22	4.04	4.45	4.37	4.13

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.59	6.59	
Std Deviation	2.433	2.433	
Variance	5.921	5.921	
Number	239	239	

EMISSIONS FOR 05202

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.26	10.39	11.00	13.00	12.40	10.62	11.38	13.13	10.64	11.31
0100-	11.15	9.79	9.59	11.89	13.89	13.38	11.61	11.28	13.02	11.57	11.72
0200-	8.83	8.88	8.53	8.37	8.55	8.43	7.56	6.58	5.52	5.18	7.64
0300-	5.41	6.04	6.65	6.99	3.87	6.73	6.25	6.44	6.78	7.97	6.31
0400-	9.03	9.46	7.66	7.19	9.53	9.13	8.08	7.55	8.37	8.27	8.43
0500-	7.39	5.80	5.04	4.70	4.66	4.72	4.13	4.24	4.06	4.14	4.89
0600-	3.83	3.82	3.45	3.81	3.51	3.37	2.84	2.71	2.99	3.67	3.40
0700-	4.31	4.82	5.22	5.65	5.38	5.40	5.16	4.34	4.93	5.42	5.06
0800-	6.50	5.79	6.00	5.03	4.92	5.94	3.96	7.78	3.87	5.17	5.50
0900-	4.83	3.60	3.75	4.14	3.30	2.73	2.63	2.53	2.41	2.71	3.27
1000-	2.22	1.51	1.61	1.61	1.73	2.04	2.09	2.61	3.37	3.62	2.24
1100-	4.12	4.07	3.36	4.03	5.43	5.92	5.35	6.20	7.53	7.95	5.40
1200-	8.61	9.26	9.58	10.31	10.28	10.67	9.95	9.17	8.91	8.99	9.57
1300-	8.16	7.14	7.94	7.89	7.17	7.43	7.08	7.32	7.07	6.50	7.37
1400-	6.60	7.02	6.38	4.99	5.81	3.89	3.74	4.32	4.87	3.83	5.15
1500-	2.99	3.42	3.98	4.58	5.45	5.39	6.54	7.01	6.48	6.61	5.25
1600-	7.10	7.23	7.10	6.70	6.55	7.01	7.07	6.72	7.80	8.29	7.16
1700-	7.93	5.64	5.67	6.83	6.52	4.39	5.04	5.36	6.06	4.78	5.82
1800-	4.90	6.38	6.09	4.48	4.41	4.87	5.92	6.72	5.41	4.20	5.34
1900-	5.04	5.56	5.96	6.49	5.54	6.09	6.55	6.28	6.01	6.65	6.02
2000-	7.20	6.08	6.22	7.58	6.82	6.09	6.05	6.90	7.44	6.36	6.67
2100-	5.34	4.14	4.20	5.40	5.98	5.55	5.22	6.00	6.94	6.87	5.56
2200-	6.65	6.42	5.39	7.12	6.86	7.04	6.15	5.47	6.17	6.40	6.37
2300-	6.31	6.26	5.19	6.22	6.45	6.63	7.25	5.97	7.27	7.89	6.54

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	6.31	6.54	6.31
Std Deviation	2.380	---	2.380
Variance	5.664	---	5.664
Number	239	239	239

EMISSIONS FOR 05201

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE		
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		
0500-	(1)	(1)	*	1.77	0.96	0.89	1.09	2.33	2.66	2.26	2.14	1.76	
0600-	1.82	1.77		2.19	2.42	2.44	2.48	2.93	3.00	1.80	1.83	2.27	
0700-	2.49	2.63		2.75	2.35	3.14	(4)	*	1.53	2.11	3.33	4.06	2.71
0800-	4.13	4.19		4.62	4.60	4.10	4.37	4.36	4.45	4.78	4.32	4.39	
0900-	4.52	4.60		4.93	5.63	6.04	5.96	6.08	5.57	5.96	5.15	5.44	
1000-	5.75	7.10		7.95	6.90	4.91	7.55	6.69	6.13	4.38	4.73	6.21	
1100-	3.47	3.81		5.41	6.75	7.46	8.52	9.04	9.37	11.36	8.39	7.36	
1200-	12.40	14.19		13.57	13.76	15.82	16.82	15.50	14.04	12.66	14.41	14.32	
1300-	14.56	14.21		13.72	13.26	13.35	12.12	11.84	11.32	11.12	11.21	12.67	
1400-	11.46	11.31		12.10	14.15	14.07	13.38	13.70	13.10	12.39	12.14	12.78	
1500-	11.71	10.71		8.95	7.98	7.28	6.38	5.02	3.88	3.68	3.59	6.92	
1600-	3.64	3.44		4.21	3.83	3.47	4.40	4.68	5.08	4.44	3.92	4.11	
1700-	5.00	5.63		5.22	5.48	4.97	5.78	6.39	6.58	5.98	6.60	5.76	
1800-	6.86	7.54		7.97	7.29	6.40	7.89	8.11	6.99	7.10	6.41	7.26	
1900-	7.72	8.41		6.78	7.47	9.09	9.23	8.13	7.51	6.90	6.48	7.77	
2000-	6.36	6.12		6.52	7.83	7.61	6.47	7.19	7.27	7.25	5.87	6.85	
2100-	6.39	5.14		4.91	4.95	4.18	3.74	3.68	3.53	4.02	4.12	4.47	
2200-	3.77	3.89		3.59	4.32	5.17	7.62	(1)	*	8.55	2.86	2.94	4.75
2300-	5.05	4.61		5.06	6.11	7.85	9.60	10.75	10.33	10.40	8.93	7.87	

* Kiln Speed less than or equal to 20 RPH : 3
 (1) No value taken or data not retrievable : 53
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 183

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 =====
 Average
 Std Deviation
 Variance
 Number

 6.70
 3.621
 13.113
 186
 8.69

 186

 6.74
 3.610
 13.029
 183
 =====

EMISSIONS FOR 05200

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	*	2.03*	2.03*	1.01*	1.42
1000-*	1.22*	1.42*	1.22*	0.95*	0.81*	0.81*	0.71*	1.42*	0.97*	1.30	1.08
1100-*	1.44*	1.80*	1.46*	1.30*	1.30*	1.62*	1.44*	1.62*	1.30*	1.35	1.46
1200-*	1.35*	1.20*	1.51*	1.20*	1.20*	1.20*	1.35*	1.05*	1.34*	1.18	1.26
1300-*	1.01*	0.86*	1.01*	1.15*	1.15*	1.29*	1.15*	1.15*	0.72*	1.15	1.06
1400-*	0.86*	1.15*	1.34*	1.18*	1.18*	1.34*	1.61*	1.76	(1)	(1)	1.30
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 52
 (1) No value taken or data not retrievable : 188
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

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NOx in pounds per ton of clinker produced

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ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

1.26 -0.47
 0.289 ---
 0.083 ---
 52 52

0.00
 0.000
 0.000
 0

=====

EMISSIONS FOR 05199

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.53	(1)	* 0.37	0.45
0700-*	0.47*	4.97*	6.63*	5.30*	4.42	(1)	(1)	(1)	(1)	(1)	4.36
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*15.73*	12.58*	44.59	24.30
1400-*	15.73*	37.16*	2.03*	1.53*	1.35*	27.09	(4)	(4)	(4)	(4)	14.15
1500-	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(1)
1600-*	78.66*	78.66*	62.93*	62.93*	39.33*	78.66*	78.66*	78.66*	62.93*	62.93	68.43
1700-*	62.93*	62.93*	78.66*	78.66*	62.93*	62.93*	78.66	(1)	(1)	(1)	69.67
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 33
 (1) No value taken or data not retrievable : 193
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 14
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic Weighted		Arithmetic	
Average	40.98	-0.05	0.00
Std Deviation	31.708	---	0.000
Variance	1005.390	---	0.000
Number	33	33	0

EMISSIONS FOR 05198

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.19	2.24	1.90	2.03	1.89	2.03	1.95	2.20	2.18	2.07
0100-	2.25	2.61	2.71	2.04	2.04	2.17	1.94	2.00	2.20	2.06	2.20
0200-	2.24	2.24	2.22	2.12	2.04	1.98	2.20	2.48	2.58	2.70	2.28
0300-	2.78	3.06	2.75	2.41	2.36	2.00	1.98	2.02	1.96	1.94	2.33
0400-	1.85	1.89	1.73	1.69	1.62	1.54	1.57	1.70	1.78	2.05	1.74
0500-	2.48	2.61	2.66	2.35	1.99	1.82	1.62	1.87	2.26	2.50	2.21
0600-	2.64	2.91	3.38	3.10	5.67	4.71	7.12	11.67	12.56	15.64	6.94
0700-	12.42	7.21	2.15	0.43	0.22	0.19*	0.12	(1)	(1)	(1)	3.25
0800-	(1)	(1)	(1)	*19.60*	23.00	(1)	(1)	*17.46*	18.24*	13.61	18.38
0900-*	8.61*	6.31*	6.43*	4.23*	4.67*	3.12*	4.06*	3.45*	3.83*	5.31	5.00
1000-*	5.85*	6.08*	4.56*	2.45*	2.81*	2.90*	1.62*	2.26*	2.02*	2.39	3.30
1100-*	2.74*	2.17*	2.15*	0.48*	0.54*	1.00*	1.10*	0.94*	0.69*	0.67	1.25
1200-*	1.52*	1.09*	0.92*	0.11	(1)	* 0.48*	0.48*	0.53*	0.38*	0.65	0.68
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 45
 (1) No value taken or data not retrievable : 120
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 75

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	3.43	-4.16	2.91
Std Deviation	4.022	---	2.682
Variance	16.175	---	7.194
Number	120	120	75

EMISSIONS FOR 05197

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.29	6.97	6.96	7.70	7.84	7.86	7.51	7.79	8.20	7.46
0100-	8.40	8.98	9.22	9.34	9.58	9.47	9.43	8.85	8.40	8.25	8.99
0200-	8.16	7.54	7.19	7.22	6.96	6.92	6.84	6.82	7.33	6.63	7.16
0300-	6.72	7.18	6.82	6.62	4.17	6.09	5.89	5.38	5.12	5.11	5.91
0400-	4.70	4.70	4.65	4.56	4.26	4.77	5.15	5.32	5.63	5.52	4.93
0500-	5.56	5.54	5.52	5.46	6.00	5.88	5.88	5.98	5.86	5.63	5.73
0600-	5.70	5.99	6.08	6.66	7.72	8.05	8.08	8.57	8.59	9.04	7.45
0700-	9.21	8.59	8.63	8.72	8.70	8.14	7.30	7.47	6.96	7.04	8.08
0800-	6.75	7.21	6.93	6.81	6.91	6.42	6.81	6.35	6.37	5.81	6.64
0900-	5.65	5.91	6.05	5.43	5.70	5.48	5.02	5.01	5.06	4.87	5.42
1000-	4.47	4.58	4.54	4.37	4.38	5.08	5.36	5.66	5.60	5.71	4.97
1100-	5.64	5.96	5.97	5.86	5.69	5.70	5.87	6.64	5.77	6.15	5.92
1200-	6.14	6.46	6.73	7.03	6.54	6.28	6.54	6.03	6.67	5.86	6.43
1300-	5.35	5.06	5.00	3.85	4.03	4.05	3.72	4.14	3.97	3.35	4.25
1400-	3.53	3.57	3.73	3.90	4.05	4.08	4.17	4.47	4.81	3.95	4.03
1500-	3.87	4.00	3.60	3.48	3.25	3.30	3.09	2.89	2.91	2.92	3.33
1600-	2.85	2.94	2.69	2.57	2.67	2.60	2.66	2.67	3.06	3.07	2.78
1700-	3.23	3.51	3.75	3.83	4.41	4.11	4.27	4.65	4.82	5.03	4.16
1800-	4.97	5.16	5.70	5.74	5.06	4.97	4.76	4.76	4.24	3.85	4.92
1900-	3.96	3.95	3.84	3.83	3.58	3.39	3.37	3.24	3.16	3.05	3.54
2000-	3.01	2.98	3.00	2.95	2.90	2.80	2.99	3.34	3.20	3.60	3.08
2100-	3.49	3.63	3.78	3.72	3.49	3.85	3.82	3.96	3.62	3.80	3.72
2200-	3.97	4.36	4.35	4.46	4.55	4.15	3.99	3.56	3.33	3.25	4.00
2300-	3.22	3.11	2.94	2.91	2.85	2.84	2.78	2.63	2.54	2.46	2.83

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	5.23	5.61	5.23
Std Deviation	1.796	---	1.796
Variance	3.224	---	3.224
Number	239	239	239

EMISSIONS FOR 05196

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.87	9.51	9.16	9.34	8.91	8.99	8.69	8.62	8.91	9.11
0100-	8.90	8.96	9.25	9.45	9.29	9.35	9.17	9.50	10.08	9.84	9.38
0200-	9.87	9.73	9.31	9.09	9.35	9.45	9.00	8.68	8.49	7.67	9.06
0300-	7.38	6.96	6.61	6.59	3.86	6.03	5.25	5.38	4.93	4.50	5.75
0400-	4.15	4.11	4.04	3.43	3.15	2.73	2.76	2.72	2.51	2.34	3.19
0500-	2.25	2.15	2.11	2.11	2.12	2.15	2.15	2.32	2.36	2.29	2.20
0600-	2.36	2.35	2.48	2.43	2.46	3.56	2.40	2.29	2.11	2.03	2.45
0700-	1.86	1.78	1.84	1.73	1.69	1.67	1.32	1.34	1.32	1.42	1.60
0800-	1.42	1.32	1.20	1.15	1.20	1.34	1.27	0.94	0.96	1.17	1.20
0900-	1.19	1.18	1.04	1.11	1.09	1.08	1.15	1.28	1.45	1.44	1.20
1000-	1.74	2.15	2.25	2.61	2.93	3.40	5.00	5.18	5.98	7.33	3.86
1100-	7.93	8.19	8.34	8.68	8.60	8.51	8.24	7.82	7.40	6.65	8.04
1200-	5.70	4.75	3.73	3.07	3.04	2.59	2.36	2.55	2.66	2.75	3.32
1300-	2.62	2.32	2.26	2.06	1.94	1.86	1.78	1.85	1.94	2.02	2.07
1400-	2.03	2.27	2.23	2.20	2.22	2.11	1.82	1.99	2.08	2.14	2.11
1500-	2.22	2.32	2.39	2.62	2.72	2.88	3.04	3.18	3.24	3.33	2.79
1600-	3.12	3.11	3.20	3.01	3.00	2.72	2.75	2.70	2.55	2.47	2.86
1700-	2.59	2.37	2.24	2.23	2.08	1.86	1.84	1.77	1.60	1.69	2.03
1800-	1.74	1.87	1.97	2.12	2.24	2.21	2.51	1.14	2.16	3.30	2.13
1900-	3.49	3.50	4.43	4.66	5.00	5.49	5.88	5.55	5.42	5.24	4.87
2000-	5.12	4.79	4.73	4.79	4.54	3.91	3.26	2.65	2.11	2.04	3.79
2100-	2.15	1.88	2.01	2.12	2.11	2.11	2.10	1.99	2.00	1.82	2.03
2200-	1.59	2.07	2.25	2.39	2.66	3.00	3.15	3.03	3.07	3.21	2.64
2300-	3.32	3.41	3.90	4.31	4.29	4.65	5.20	4.90	5.21	5.46	4.47

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 =====
 Average
 Std Deviation
 Variance
 Number

 3.82 4.15
 2.589 ---
 6.703 ---
 239 239

 3.82
 2.589
 6.703
 239
 =====

EMISSIONS FOR 05195

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.21	2.27	2.32	2.40	2.68	2.67	2.76	2.76	2.88	2.55
0100-	2.87	2.98	3.03	3.40	3.53	3.75	3.85	3.81	3.67	3.83	3.47
0200-	3.61	3.82	3.80	3.67	3.64	3.84	4.05	3.47	3.40	3.57	3.69
0300-	3.56	3.41	3.57	3.25	2.71	3.01	2.81	2.67	2.46	2.36	2.98
0400-	2.27	2.18	2.14	1.93	1.86	1.86	1.71	1.68	1.68	1.62	1.89
0500-	1.68	1.63	1.65	1.65	1.59	1.49	1.41	1.47	1.48	1.33	1.54
0600-	1.35	1.42	1.27	1.27	1.26	1.23	1.48	1.58	1.59	1.57	1.40
0700-	1.50	1.59	1.67	1.99	2.20	2.38	2.44	2.92	2.84	2.21	2.17
0800-	1.85	1.75	1.71	1.69	1.71	1.81	1.78	2.14	2.27	2.41	1.91
0900-	2.67	2.90	2.85	2.98	2.75	2.50	2.23	2.02	1.97	1.87	2.48
1000-	1.90	1.77	1.80	1.63	1.44	1.32	1.34	1.34	1.34	1.28	1.51
1100-	1.30	1.34	1.22	1.16	1.12	1.12	1.09	1.31	1.19	1.50	1.23
1200-	1.58	1.83	2.11	2.14	2.21	2.43	2.72	3.75	4.22	4.41	2.74
1300-	4.64	4.66	4.80	5.23	5.70	5.87	6.37	7.65	7.36	7.56	5.98
1400-	8.36	8.02	7.75	7.59	7.63	6.94	6.73	6.78	6.59	6.77	7.32
1500-	6.51	6.75	6.41	6.16	5.48	5.63	4.87	4.27	4.63	4.62	5.53
1600-	4.79	4.01	4.13	4.17	3.85	3.51	3.57	3.64	3.31	3.11	3.81
1700-	3.29	3.25	3.20	3.25	2.82	3.01	2.75	2.89	2.82	2.61	2.99
1800-	2.67	2.71	2.66	2.32	2.56	2.66	2.72	2.77	2.79	3.32	2.72
1900-	3.32	3.57	3.59	4.02	4.15	3.98	4.29	4.37	4.77	5.05	4.11
2000-	5.48	5.77	5.83	5.62	6.00	6.27	7.51	7.90	7.60	8.76	6.68
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 31
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 209

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	3.28	3.28	
Std Deviation	1.812	1.812	
Variance	3.283	3.283	
Number	209	209	

EMISSIONS FOR 05194

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	2.29	2.77	2.93	2.70	2.40	2.62
0800-	2.98	3.30	3.01	3.14	3.24	3.12	2.99	2.73	4.11	2.58	3.12
0900-	30.64	3.92	3.00	3.25	3.58	3.65	3.60	3.77	3.69	3.69	6.28
1000-	3.51	2.84	2.61	2.97	3.45	3.80	4.03	4.77	6.01	7.59	4.16
1100-	8.10	9.30	9.50	9.48	(1)	(1)	(1)	(1)	(1)	(1)	9.10
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(4)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 200
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 39

=====			
Nox in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.74	%-6200.20	4.74
Std Deviation	4.693	---	4.693
Variance	22.025	---	22.025
Number	39	39	39
=====			

EMISSIONS FOR 05193

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	5.14	5.12	4.84	4.90	4.77	4.71	4.63	4.47	4.20		4.75
0100-	3.97	3.53	3.60	3.33	3.37	3.45	3.44	3.18	3.23	3.22		3.43
0200-	3.12	3.02	3.03	3.04	3.13	2.98	2.94	3.16	3.15	3.11		3.07
0300-	3.01	3.17	3.10	3.17	3.52	3.72	4.33	4.70	5.11	5.71		3.95
0400-	6.38	6.73	6.36	6.21	6.28	5.85	5.94	5.71	5.48	4.89		5.98
0500-	4.52	4.00	3.89	3.70	3.48	3.40	3.19	3.06	3.13	3.47		3.58
0600-	3.99	4.42	4.77	5.01	5.02	4.70	4.80	4.73	4.43	3.41		4.53
0700-	2.86	2.81	2.21	1.98	1.75	2.00	2.02	2.15	1.96	2.04		2.18
0800-	2.05	2.06	2.16	2.25	2.44	2.53	2.72	2.61	2.95	3.12		2.49
0900-	3.10	3.32	3.75	3.73	4.26	4.29	4.48	4.69	4.50	4.54		4.07
1000-	4.64	5.12	5.39	5.02	5.45	5.33	5.03	4.53	4.29	3.48		4.83
1100-	3.16	3.34	2.55	2.16	2.63	1.46	1.20	1.27	1.17	1.00		1.99
1200-	1.08	1.17	2.16	0.81	(1)	1.14	0.94	2.93	2.01	2.08		1.59
1300-	2.26	2.89	3.21	3.82	3.30	0.28	(1)	0.37	5.53	7.66		3.26
1400-	5.21	7.24	4.76	7.58	7.98	8.45	9.13	8.85	8.37	9.15		7.67
1500-	10.21	10.54	9.51	8.81	8.72	8.57	8.05	7.37	6.32	5.77		8.39
1600-	5.44	5.11	5.09	4.66	4.57	4.46	4.36	4.15	4.21	3.77		4.58
1700-	3.66	3.37	3.45	3.29	2.99	3.04	2.97	3.21	3.29	3.27		3.26
1800-	3.32	3.19	3.17	3.13	2.93	3.10	3.00	2.97	2.80	2.84		3.04
1900-	2.71	2.46	2.30	2.22	2.41	2.74	2.88	3.08	3.51	4.30		2.86
2000-	5.81	6.30	6.61	7.58	8.48	8.99	9.42	9.15	10.00	10.65		8.30
2100-	11.32	12.27	12.38	12.85	12.88	12.87	12.85	12.95	13.08	13.19		12.66
2200-	12.64	12.27	12.37	12.95	12.70	13.44	13.41	13.54	13.04	12.79		12.91
2300-	13.05	12.99	12.53	11.90	10.41	8.86	7.62	7.32	6.32	5.66		9.67

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 3
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 237

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	5.15	5.39	5.15
Std Deviation	3.286	---	3.286
Variance	10.799	---	10.799
Number	237	237	237
=====			

EMISSIONS FOR 05192

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.46	4.92	4.56	4.29	4.15	3.72	3.66	3.26	2.92	4.11
0100-	2.68	2.43	2.32	2.31	2.26	2.22	2.20	1.96	1.97	0.96	2.13
0200-	1.14	2.03	2.43	2.50	2.86	3.08	3.25	3.59	3.07	3.15	2.71
0300-	3.44	3.57	3.45	3.48	4.15	4.87	5.02	4.97	4.77	3.75	4.15
0400-	3.27	3.02	2.66	2.61	2.82	2.97	3.52	3.50	3.53	3.28	3.12
0500-	3.06	2.67	2.75	2.71	2.88	2.88	2.92	2.91	2.65	2.90	2.83
0600-	3.43	3.47	2.93	2.69	2.35	2.50	3.15	2.32	1.34	1.25	2.54
0700-	1.53	1.35	1.73	2.71	7.38	6.04	7.16	8.98	9.55	8.77	5.52
0800-	9.03	7.87	10.37	11.05	10.11	11.01	12.05	12.00	11.15	11.46	10.61
0900-	12.09	11.73	11.25	11.06	10.15	11.33	11.70	11.90	12.50	11.44	11.52
1000-	10.62	9.94	10.04	10.35	10.70	10.66	10.65	10.24	10.18	10.19	10.36
1100-	9.31	9.47	7.85	6.76	6.73	6.03	5.32	5.10	4.40	4.14	6.51
1200-	3.99	3.97	3.91	3.84	3.85	3.89	3.99	4.05	4.04	3.90	3.94
1300-	3.61	3.71	3.65	3.66	4.11	4.12	4.08	4.11	4.23	4.76	4.00
1400-	4.93	5.21	5.01	4.74	4.28	3.87	3.91	3.57	3.26	3.39	4.22
1500-	2.89	2.77	2.68	2.74	2.54	2.45	2.32	2.32	2.30	2.21	2.52
1600-	2.40	2.32	2.46	2.46	2.56	2.50	2.59	2.95	2.95	3.46	2.67
1700-	3.78	4.01	3.84	3.54	3.25	3.25	3.16	3.31	3.59	3.16	3.49
1800-	3.92	4.01	4.09	4.25	3.56	3.39	3.52	3.08	2.78	2.79	3.54
1900-	2.77	2.57	2.57	2.29	2.80	3.20	3.46	3.88	4.09	4.21	3.18
2000-	4.09	4.14	3.81	3.88	3.89	3.58	3.70	3.61	3.55	3.40	3.77
2100-	3.22	3.17	3.21	3.19	3.32	3.81	4.67	4.99	5.16	5.36	4.01
2200-	6.00	6.36	6.32	6.73	7.13	7.18	7.29	7.07	6.86	6.83	6.78
2300-	6.13	6.15	5.95	5.80	6.04	5.89	5.70	5.80	5.65	5.43	5.85

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.76	5.05	4.76
Std Deviation	2.762	---	2.762
Variance	7.627	---	7.627
Number	239	239	239

EMISSIONS FOR 05191

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.51	4.21	4.11	3.97	4.05	3.91	3.84	4.00	4.40	4.11
0100-	4.15	4.07	3.90	4.06	4.27	4.08	4.34	4.33	4.28	4.12	4.16
0200-	3.99	4.04	3.85	3.80	3.43	2.97	2.86	2.54	2.21	1.80	3.15
0300-	1.64	1.43	1.28	1.09	0.95	0.86	0.76	0.69	0.75	0.73	1.02
0400-	0.76	0.76	0.91	1.11	1.25	1.65	1.95	2.06	2.16	2.10	1.47
0500-	2.02	2.15	2.23	2.42	2.76	3.03	3.08	3.18	3.43	3.57	2.79
0600-	3.80	3.86	3.89	3.48	3.53	3.77	3.86	3.82	3.97	3.94	3.79
0700-	3.94	3.99	3.75	3.72	3.58	3.52	3.35	3.36	3.45	3.49	3.62
0800-	3.44	3.50	3.55	3.83	3.92	4.20	4.15	4.19	4.03	3.66	3.85
0900-	3.55	3.20	2.75	2.38	2.22	2.60	2.50	2.38	2.31	2.34	2.62
1000-	2.23	2.29	2.17	1.97	1.84	1.77	1.70	1.73	1.68	1.82	1.92
1100-	2.53	1.81	1.72	1.74	1.71	1.71	1.58	1.66	1.84	1.90	1.82
1200-	1.96	2.12	(1)	5.03	7.09	6.77	5.81	5.35	5.04	4.56	4.86
1300-	4.33	3.94	4.14	4.10	3.97	4.24	4.66	4.61	4.39	4.08	4.25
1400-	3.82	3.71	4.08	4.63	5.04	5.14	5.88	6.41	7.54	8.67	5.49
1500-	8.55	8.02	7.50	6.74	5.84	5.43	4.80	4.43	3.89	3.31	5.85
1600-	3.04	2.49	2.05	1.75	1.58	1.64	1.61	1.53	1.82	1.90	1.94
1700-	1.94	1.95	1.97	1.82	1.95	1.92	1.97	2.28	2.49	3.54	2.18
1800-	3.68	4.63	6.07	6.87	7.93	8.10	10.47	11.67	11.21	11.67	8.23
1900-	11.25	11.70	11.00	10.79	11.05	11.66	11.93	12.28	12.76	12.24	11.67
2000-	11.90	12.27	12.27	11.64	9.39	6.96	6.06	5.10	4.85	4.23	8.47
2100-	4.25	4.02	3.59	4.09	3.89	3.51	3.63	3.67	3.66	3.49	3.78
2200-	3.12	3.19	3.05	3.51	4.01	4.16	4.09	4.44	4.55	4.98	3.91
2300-	5.83	6.05	6.18	6.48	6.50	6.62	6.17	6.00	5.77	5.60	6.12

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 2
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 238

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.21	4.21	
Std Deviation	2.693	2.693	
Variance	7.250	7.250	
Number	238	238	

EMISSIONS FOR 05190

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.56	9.47	9.27	9.01	9.08	8.64	8.28	8.69	9.16	9.02
0100-	9.37	8.62	9.42	9.28	8.79	8.82	8.61	8.86	8.98	9.03	8.98
0200-	8.27	8.30	7.73	8.75	8.30	8.35	8.35	8.71	8.45	8.32	8.35
0300-	9.45	8.60	8.71	8.80	8.51	8.53	8.09	7.97	7.81	8.39	8.49
0400-	8.23	7.46	8.19	8.05	8.42	7.74	7.71	8.34	8.30	8.02	8.05
0500-	8.25	7.76	7.73	8.24	8.49	9.18	9.00	9.09	9.06	9.84	8.67
0600-	11.71	13.31	13.85	14.77	13.21	12.06	12.51	12.04	11.24	10.77	12.54
0700-	11.12	11.57	11.90	12.81	12.76	13.07	13.11	11.37	12.55	12.88	12.31
0800-	12.87	11.40	11.42	11.77	11.81	12.51	10.93	11.46	11.08	11.20	11.64
0900-	10.11	9.95	10.30	9.76	9.52	9.43	9.43	9.80	10.07	9.76	9.81
1000-	9.38	9.04	8.83	9.73	9.25	9.68	9.26	9.23	9.42	9.21	9.30
1100-	9.43	9.55	8.90	8.89	6.35	4.88	4.78	4.66	4.87	4.49	6.68
1200-	4.32	4.04	3.63	2.66	2.31	1.69	1.41	1.46	1.77	1.89	2.52
1300-	1.97	2.13	2.37	2.58	2.65	2.57	2.94	3.26	3.29	3.50	2.73
1400-	3.41	2.75	2.33	2.28	2.31	2.34	2.46	2.27	2.41	2.55	2.51
1500-	2.77	2.82	2.59	2.44	2.37	1.97	1.84	1.56	1.37	1.29	2.10
1600-	1.24	1.21	1.46	1.68	1.95	2.10	2.32	2.40	2.61	2.89	1.99
1700-	3.18	3.31	3.59	3.95	4.22	4.29	4.26	4.36	4.41	3.04	3.86
1800-	4.21	4.26	4.12	3.87	3.77	3.59	3.15	2.87	2.38	2.27	3.45
1900-	2.04	2.12	2.09	2.14	2.31	2.37	2.63	2.47	2.87	3.29	2.43
2000-	3.90	4.26	4.70	4.68	3.87	3.90	4.02	4.51	4.55	4.53	4.29
2100-	4.47	4.20	3.85	3.58	3.57	3.62	3.39	2.93	2.76	2.81	3.52
2200-	2.63	2.77	3.17	3.13	3.05	2.79	2.55	2.72	2.84	2.91	2.86
2300-	3.04	3.11	3.06	3.17	3.55	3.81	3.97	4.28	4.38	4.47	3.69

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.23	6.23	
Std Deviation	3.581	3.581	
Variance	12.826	12.826	
Number	239	239	

EMISSIONS FOR 05189

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.01	9.21	8.90	8.77	8.72	8.92	8.66	8.98	8.49	8.96
0100-	8.60	9.16	8.69	8.65	8.67	9.47	9.34	9.53	8.86	9.31	9.03
0200-	9.05	9.19	9.04	9.32	9.06	8.63	9.28	9.00	9.47	9.68	9.17
0300-	8.58	8.94	9.51	8.76	9.10	8.58	9.64	9.43	9.43	9.42	9.14
0400-	8.95	9.32	9.78	9.02	9.07	8.95	8.96	8.65	9.50	9.06	9.12
0500-	9.26	9.39	8.79	8.74	9.26	9.13	9.11	9.11	9.01	9.33	9.11
0600-	9.34	9.75	10.47	9.15	9.96	10.14	10.13	9.75	9.70	9.97	9.84
0700-	10.28	9.85	10.11	10.06	9.51	10.46	9.99	9.42	10.16	10.21	10.00
0800-	9.73	9.62	9.51	9.54	9.19	9.63	9.02	9.12	9.29	8.00	9.27
0900-	8.50	8.58	9.36	9.46	11.07	13.77	30.18	(4)	(4)	(4)	12.99
1000-	(4)	(4)	(4)	(4)	(4)	(4)	*39.79	*34.28	*40.36	*42.03	39.11
1100-	*40.02	*35.43	*29.12	*48.44	*58.34	*53.89	*38.79	*36.25	*56.85	*60.87	45.80
1200-	*58.03	*63.54	*62.39	*55.19	*60.17	*60.04	*63.16	*56.16	*55.15	*54.60	58.84
1300-	*53.14	*55.55	*31.96	*32.81	*34.96	*32.78	*27.07	*21.03	*19.68	*23.43	33.24
1400-	*30.63	*40.05	*34.80	*32.30	*31.41	*77.41	10.32	6.47	5.45	6.08	27.49
1500-	5.51	6.92	6.69	7.34	7.73	7.85	8.15	7.11	7.01	6.14	7.05
1600-	7.04	7.16	8.07	7.64	7.55	7.80	7.61	6.75	6.85	6.85	7.33
1700-	7.45	7.73	7.84	7.54	6.79	7.87	9.16	9.56	9.04	9.28	8.23
1800-	9.90	11.29	10.48	10.60	10.57	10.56	10.07	11.58	11.59	11.31	10.79
1900-	11.28	12.12	(4)	12.41	13.89	12.38	12.35	10.17	10.28	10.51	11.71
2000-	10.25	9.11	9.56	9.44	9.64	9.94	8.73	8.44	8.47	8.64	9.22
2100-	8.94	8.98	8.73	8.97	8.35	8.20	8.46	8.95	7.75	7.23	8.46
2200-	7.52	7.71	8.78	9.70	10.24	10.19	9.98	9.50	9.26	8.85	9.17
2300-	9.06	9.49	9.26	8.18	8.20	9.37	9.68	9.53	10.06	10.16	9.30

* Kiln Speed less than or equal to 20 RPH : 41
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 10
 All other observations : 188

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	15.41	10.67	9.14
Std Deviation	14.765	---	1.285
Variance	217.998	---	1.651
Number	229	229	188

EMISSIONS FOR 05188

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	13.28	12.80	12.87	12.65	12.75	12.95	13.08	12.77	13.40	12.95
0100-	13.50	14.08	14.15	13.64	14.36	13.91	13.22	13.64	13.67	13.62	13.78
0200-	12.93	12.84	12.33	12.35	11.75	12.05	12.07	12.77	12.78	12.58	12.45
0300-	12.48	13.42	12.53	12.80	13.41	13.83	12.93	12.51	11.78	11.67	12.74
0400-	12.17	11.58	11.03	10.75	10.55	10.74	10.54	11.45	11.70	12.28	11.28
0500-	12.69	12.48	12.26	13.52	13.12	12.21	11.90	11.96	12.10	12.40	12.47
0600-	12.90	12.47	11.99	11.90	12.49	12.29	13.06	12.94	12.42	12.68	12.51
0700-	12.59	12.65	12.71	12.07	12.29	12.31	12.70	11.62	11.28	10.64	12.09
0800-	10.06	9.75	9.49	8.64	6.57	6.24	7.27	8.16	8.78	9.11	8.41
0900-	11.55	10.86	10.75	11.10	10.74	10.74	11.10	10.97	10.35	10.90	10.91
1000-	10.84	10.93	10.79	10.16	10.58	10.45	10.71	10.75	10.95	10.36	10.65
1100-	10.28	10.03	9.75	9.96	10.05	10.43	9.74	9.52	8.91	9.14	9.78
1200-	9.63	9.60	9.11	9.00	8.47	8.19	8.66	9.03	8.72	8.19	8.86
1300-	7.94	8.07	7.97	7.64	7.31	7.21	6.89	6.85	6.94	6.93	7.37
1400-	6.79	6.98	6.92	6.75	6.57	7.31	7.10	7.09	6.99	6.80	6.93
1500-	6.94	6.98	6.84	6.46	6.21	6.85	7.34	6.89	6.71	7.07	6.83
1600-	6.81	6.83	7.26	6.98	7.12	7.42	7.12	7.11	7.34	7.32	7.13
1700-	7.21	7.38	6.96	7.37	7.39	7.15	7.20	7.60	7.40	8.44	7.41
1800-	8.42	8.04	7.83	7.79	8.05	7.66	8.37	8.66	7.98	7.92	8.07
1900-	9.11	9.27	9.17	8.72	8.72	8.49	8.87	9.16	8.66	8.88	8.91
2000-	8.38	9.81	9.11	9.07	8.44	8.27	8.54	8.97	8.80	8.83	8.82
2100-	8.14	8.58	8.41	8.59	8.80	8.42	7.96	8.65	8.88	8.84	8.53
2200-	8.98	9.14	9.11	9.61	9.42	9.41	9.43	9.74	10.37	10.12	9.53
2300-	9.31	9.41	9.06	9.13	9.06	9.26	8.58	9.23	9.17	9.64	9.18

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	9.89	10.00	9.89
Std Deviation	2.196	---	2.196
Variance	4.823	---	4.823
Number	239	239	239

EMISSIONS FOR 05187

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	* 2.58*	9.20	19.21	21.21	20.96	19.44	12.93	11.89	11.88	14.37
2300-	11.13	10.54	10.65	12.16	11.42	11.67	12.07	12.31	13.07	12.36	11.74

* Kiln Speed less than or equal to 20 RPH : 2
 (1) No value taken or data not retrievable : 221
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 17

 =====
 NOx in pounds per ton of clinker produced
 =====

 ALL NON-ZERO DATA KILN SPEED > 20 rph
 =====

 Arithmetic Weighted
 =====

 Arithmetic
 =====

 Average
 Std Deviation
 Variance
 Number

 12.98 -17.97
 4.461 ---
 19.900 ---
 19 19

 13.82
 3.740
 13.984
 17

=====

EMISSIONS FOR 05186

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	0.00 0.00	0.00
Std Deviation	0.000 ---	0.000
Variance	0.000 ---	0.000
Number	0 0	0

EMISSIONS FOR 05185

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 =====
 Average
 Std Deviation
 Variance
 Number

 0.00 0.00
 0.000 ---
 0.000 ---
 0 0

 0.00
 0.000
 0.000
 0

=====

EMISSIONS FOR 05184

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05183

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.00*	0.00	0.00
0900-*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00	0.00
1000-*	0.00*	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 14
 (1) No value taken or data not retrievable : 226
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	0.00	-0.02	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	14	14	0
=====			

EMISSIONS FOR 05182

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.00*	0.00	(1)	0.00
0900-*	0.00	(1)	(1)	(1)	(1)	(1)	* 0.00	(1)	* 0.00	(1)	0.00
1000-	(1)	* 0.00*	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.00*	0.00	0.00
1400-*	0.00*	0.00*	0.00	(1)	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00	0.00
1500-	(1)	* 0.00*	0.00*	0.00*	0.00	(1)	(1)	(1)	* 0.00	(1)	0.00
1600-*	0.00	(1)	(1)	(1)	(1)	* 0.00	(1)	* 0.00	(1)	(1)	0.00
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.00	(1)	* 0.04	0.02
1800-*	0.00*	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.00	0.00
1900-	(1)	(1)	(1)	(1)	(1)	* 0.00	(1)	(1)	(1)	(1)	0.00
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 32
 (1) No value taken or data not retrievable : 208
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	0.00	-0.00	0.00
Std Deviation	0.007	---	0.000
Variance	0.000	---	0.000
Number	32	32	0

EMISSIONS FOR 05181

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	12.60	22.43	(1)	(4)	(1)	(1)	(1)	(1)	(1)	17.51
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	*18.58*24.77	(1)	(1)	(1)	(1)	(1)	(1)	(1)	21.67
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*	0.00
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*	0.00*	0.00*	0.00
1400-	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00
1500-	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00
1600-	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00
1700-	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00
1800-	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00
1900-	* 0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00*	0.00
2000-	* 0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 67
 (1) No value taken or data not retrievable : 170
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 2

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

1.14 -7.62
 4.745 ---
 22.518 ---
 69 69

17.51
 6.953
 48.349
 2

EMISSIONS FOR 05180

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.88	5.30	5.23	4.90	5.06	4.83	4.58	4.71	4.40	4.88
0100-	4.77	4.94	4.72	4.60	4.75	5.10	5.23	4.63	4.24	4.02	4.70
0200-	3.80	4.09	4.12	4.52	4.78	4.83	4.70	4.62	4.50	3.99	4.39
0300-	4.01	4.37	4.27	4.24	4.10	4.26	4.50	4.74	5.08	5.32	4.49
0400-	5.79	6.01	6.55	6.09	5.40	5.33	4.92	4.83	5.00	5.11	5.50
0500-	4.87	4.49	4.31	4.64	4.83	5.22	4.93	4.50	4.43	4.20	4.64
0600-	4.18	4.40	4.40	4.84	5.48	5.80	6.37	6.45	6.64	6.24	5.48
0700-	6.29	5.89	5.47	5.24	5.05	4.76	4.25	3.54	3.58	3.36	4.74
0800-	2.84	2.78	2.86	3.20	3.60	3.47	3.52	3.22	3.09	2.83	3.14
0900-	2.15	1.63	1.34	1.09	1.20	1.35	1.43	1.71	2.45	3.73	1.81
1000-	3.97	5.32	6.61	7.62	8.14	8.44	8.57	7.95	7.65	7.10	7.14
1100-	7.36	8.35	8.56	9.17	9.03	9.93	10.56	11.01	10.91	12.02	9.69
1200-	12.12	12.15	12.18	11.47	11.52	11.22	10.48	8.72	7.99	6.24	10.41
1300-	6.15	6.08	5.25	4.80	5.00	4.87	4.82	5.13	4.65	4.23	5.10
1400-	4.31	4.37	4.21	4.12	4.64	5.05	5.26	5.48	5.34	5.36	4.81
1500-	5.43	5.47	5.44	5.81	5.72	5.72	5.79	5.33	5.28	4.91	5.49
1600-	5.00	4.91	4.86	4.78	4.82	4.80	4.87	4.98	4.98	5.25	4.93
1700-	4.81	5.18	5.04	5.24	4.94	4.87	4.79	4.83	4.72	3.48	4.79
1800-	4.87	5.14	5.31	5.24	5.64	5.76	6.06	6.21	6.47	6.61	5.73
1900-	6.78	6.76	6.76	6.34	6.48	6.15	5.94	5.78	5.60	5.63	6.22
2000-	5.84	5.37	5.27	4.77	4.00	3.45	3.38	2.90	2.62	2.83	4.04
2100-	3.19	3.22	3.39	3.81	4.35	4.94	5.40	5.97	6.13	5.74	4.61
2200-	6.09	6.15	6.55	6.66	6.70	7.56	7.66	7.61	7.70	8.62	7.13
2300-	8.32	9.06	10.41	10.72	11.22	11.59	11.33	12.43	12.35	12.57	11.00

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.62 5.86
 2.272 ---
 5.161 ---
 239 239

5.62
 2.272
 5.161
 239

EMISSIONS FOR 05179

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	9.80	9.81	10.26	9.68	9.50	8.58	8.29	9.15	9.76		9.43
0100-	9.96	10.14	10.08	10.64	9.43	8.91	8.65	8.97	9.33	8.62		9.47
0200-	8.39	8.61	9.00	9.32	8.83	8.79	9.09	9.31	9.55	9.21		9.01
0300-	9.46	10.31	10.88	11.02	10.65	9.44	8.61	8.24	8.40	8.88		9.59
0400-	8.65	9.02	9.01	9.40	9.62	9.96	10.02	10.51	10.21	9.65		9.60
0500-	9.61	9.82	9.09	10.18	10.22	9.44	9.70	9.03	8.77	8.94		9.48
0600-	9.37	9.80	8.87	8.23	8.48	9.20	9.53	10.28	9.45	9.50		9.27
0700-	9.02	8.18	7.80	8.04	7.29	7.22	7.53	8.03	6.63	6.11		7.59
0800-	6.98	7.44	7.08	6.97	6.74	6.90	6.79	6.66	6.72	6.95		6.92
0900-	6.92	6.99	6.87	7.27	7.43	7.01	7.26	7.46	7.95	8.56		7.37
1000-	8.75	8.50	8.52	9.23	9.32	9.70	9.51	9.29	9.06	8.75		9.06
1100-	9.03	8.46	8.00	7.71	7.60	7.94	7.56	7.73	7.04	6.60		7.77
1200-	6.37	6.37	6.32	6.11	6.21	6.40	6.71	6.64	6.95	7.51		6.56
1300-	7.53	8.13	8.40	8.73	8.47	8.64	8.84	8.87	9.14	8.84		8.56
1400-	8.40	8.05	7.98	7.62	8.21	8.06	7.76	8.55	8.57	8.13		8.13
1500-	7.96	8.33	8.41	8.87	8.64	8.81	8.51	8.40	8.26	8.75		8.49
1600-	7.48	7.17	6.86	6.18	6.70	6.46	6.30	5.80	5.10	4.81		6.29
1700-	4.64	4.31	3.63	3.35	2.94	2.57	2.78	2.79	2.54	3.02		3.26
1800-	2.50	2.26	2.63	2.90	3.20	3.48	3.73	4.00	4.49	5.08		3.43
1900-	5.17	5.31	5.15	4.82	4.80	5.09	5.23	5.40	5.29	5.23		5.15
2000-	4.96	4.90	4.63	4.49	4.27	4.02	3.76	3.72	3.50	3.51		4.18
2100-	3.34	3.47	3.42	3.27	3.16	3.02	2.89	2.72	2.91	2.93		3.11
2200-	2.88	2.99	2.84	2.89	2.87	3.14	3.26	3.59	3.97*	4.13		3.26
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 11
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 228

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	7.16	7.39	7.18
Std Deviation	2.352	---	2.348
Variance	5.531	---	5.514
Number	229	229	228
=====			

EMISSIONS FOR 05178

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.83	11.20	11.99	12.23	12.21	13.56	13.87	11.65	11.47	12.00
0100-	12.91	13.59	13.39	12.48	12.79	12.79	13.66	12.94	11.41	11.18	12.71
0200-	10.67	10.56	10.74	11.61	10.90	10.29	9.54	8.05	6.77	4.87	9.40
0300-	3.10	2.32	1.47	1.34	1.92	2.65	2.27	1.14	1.97	2.25	2.04
0400-	2.31	3.29	3.85	4.66	4.83	5.54	6.21	7.16	6.87	6.75	5.15
0500-	8.15	9.42	10.55	11.68	12.40	14.60	14.56	13.04	15.07	14.83	12.43
0600-	16.39	14.62	13.37	13.33	13.91	13.28	13.73	12.79	10.85	11.46	13.37
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 171
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 69

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

9.55 9.95
 4.379 ---
 19.174 ---
 69 69

9.55
 4.379
 19.174
 69

=====

EMISSIONS FOR 05177

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.16	3.55	3.66	3.85	4.28	4.61	4.69	5.08	5.94	4.31
0100-	5.91	6.00	5.72	5.75	5.35	5.07	5.02	5.06	4.83	4.89	5.36
0200-	5.09	5.20	5.21	5.28	5.07	5.09	4.87	4.88	4.47	4.40	4.96
0300-	3.69	4.17	3.86	3.89	3.90	3.90	4.23	4.58	4.57	4.75	4.16
0400-	4.40	4.76	5.09	5.30	5.64	5.90	5.71	5.63	5.88	6.26	5.46
0500-	6.21	6.24	6.41	6.42	6.78	7.28	7.19	7.01	7.00	6.87	6.74
0600-	6.79	6.94	6.78	6.53	6.53	6.19	5.87	6.09	4.95	4.60	6.13
0700-	4.62	4.80	3.94	3.41	3.44	3.80	3.75	3.31	4.24	4.95	4.03
0800-	4.88	5.16	5.33	5.39	5.60	5.41	5.41	6.93	5.88	5.47	5.55
0900-	5.30	5.21	5.35	5.35	5.47	5.29	5.41	6.07	6.25	6.68	5.64
1000-	7.10	6.92	6.13	6.30	6.01	5.41	4.76	4.51	4.35	4.13	5.56
1100-	3.75	3.76	3.26	2.48	1.73	1.56	1.29	1.54	1.55	1.65	2.26
1200-	1.93	1.88	2.08	2.57	2.94	3.50	4.03	4.51	4.88	4.86	3.32
1300-	4.74	4.66	4.64	4.61	5.13	5.53	5.75	6.39	6.41	6.95	5.48
1400-	6.77	6.64	6.60	6.90	6.90	6.58	7.22	7.52	7.19	6.76	6.91
1500-	5.77	4.44	3.32	2.03	1.32	1.41	1.77	2.13	2.05	2.49	2.67
1600-	2.72	2.58	2.40	2.02	1.66	1.39	1.42	1.51	1.77	2.23	1.97
1700-	2.36	2.70	3.11	2.94	2.82	2.06	1.74	1.23	1.17	2.01	2.21
1800-	0.84	0.72	0.65	0.86	0.96	0.84	0.51	0.64	0.56	0.96	0.76
1900-	1.30	1.42	1.66	1.64	1.74	1.85	1.77	1.90	3.05	3.42	1.98
2000-	4.75	6.10	6.95	8.45	9.80	11.20	11.16	12.02	12.97	12.42	9.58
2100-	12.36	10.56	10.45	8.05	8.42	7.98	8.74	8.15	7.36	6.41	8.85
2200-	4.53	2.88	1.37	0.89	0.89	0.91	0.83	0.82	0.87	0.98	1.50
2300-	0.93	1.02	1.38	1.49	1.74	1.99	2.53	3.97	5.84	6.57	2.75

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.51	4.78	4.51
Std Deviation	2.459	---	2.459
Variance	6.045	---	6.045
Number	239	239	239
=====			

EMISSIONS FOR 05176

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.88	4.32	4.09	3.96	4.34	4.50	4.61	4.72	4.71	4.46
0100-	4.98	5.42	5.62	5.20	5.09	4.92	4.70	4.68	4.62	4.84	5.01
0200-	5.33	5.73	5.94	6.32	6.68	7.04	7.58	7.49	7.52	7.57	6.72
0300-	6.65	6.13	5.97	5.96	5.22	4.53	4.57	4.63	4.23	3.85	5.18
0400-	3.52	3.11	2.47	1.96	1.75	1.60	1.43	1.45	1.65	2.04	2.10
0500-	2.30	2.58	3.12	3.79	4.34	4.96	5.46	5.39	5.11	4.63	4.17
0600-	4.45	4.29	4.82	5.11	5.59	5.96	7.31	7.77	8.53	9.00	6.28
0700-	9.55	8.97	9.15	9.55	10.96	10.38	10.90	11.53	10.37	8.95	10.03
0800-	7.87	8.28	7.20	5.36	4.66	4.41	4.16	3.93	3.85	3.75	5.35
0900-	3.51	3.79	3.80	3.28	3.27	3.72	3.78	4.06	4.16	4.40	3.78
1000-	4.83	5.32	5.65	5.79	6.17	6.58	6.82	7.00	6.87	6.59	6.16
1100-	6.82	6.78	6.91	6.90	6.19	5.55	5.73	5.62	6.30	6.47	6.33
1200-	6.21	6.08	5.72	5.24	5.02	5.03	4.96	4.85	4.31	4.47	5.19
1300-	4.53	4.55	4.26	3.91	3.69	3.22	2.94	2.81	3.17	3.55	3.66
1400-	3.86	3.88	4.31	4.65	4.73	4.77	4.79	4.70	4.80	4.63	4.51
1500-	4.49	4.39	4.51	4.70	4.39	4.59	4.40	3.99	3.72	3.54	4.27
1600-	3.23	2.81	2.25	1.59	1.15	0.76	0.73	0.84	0.74	0.69	1.48
1700-	0.62	0.75	0.83	1.08	1.12	1.07	1.31	1.36	1.34	1.76	1.13
1800-	1.73	2.34	2.22	2.23	2.67	2.84	3.25	3.41	3.60	3.51	2.78
1900-	3.18	3.11	2.89	2.73	2.42	1.86	1.75	1.68	1.55	1.54	2.27
2000-	1.43	1.39	1.28	1.05	0.90	0.90	0.89	0.84	0.94	1.15	1.08
2100-	1.20	1.55	1.80	2.27	2.73	2.83	3.81	4.75	5.32	5.69	3.20
2200-	6.05	6.57	6.40	6.56	6.32	6.15	5.92	5.65	5.55	5.28	6.04
2300-	4.83	4.66	4.27	3.69	3.17	3.09	2.90	2.91	2.89	3.08	3.55

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 =====
 Average
 Std Deviation
 Variance
 Number

 =====
 4.36 4.37
 2.196 ---
 4.822 ---
 239 239
 =====

 =====
 4.36
 2.196
 4.822
 239
 =====

EMISSIONS FOR 05175

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	7.04	6.84	6.44	5.93	5.21	6.29
0500-	4.85	4.76	4.29	3.89	3.60	3.35	3.53	3.47	3.21	3.25	3.82
0600-	3.14	3.11	(1)	3.34	3.18	3.14	3.05	2.91	3.02	2.75	3.07
0700-	2.69	2.57	2.76	2.74	2.60	2.57	2.46	2.59	2.33	2.25	2.56
0800-	2.55	3.07	3.24	3.57	3.92	4.56	5.16	5.68	5.86	6.27	4.39
0900-	7.36	7.85	8.27	8.65	8.78	8.83	8.93	8.30	8.10	7.89	8.30
1000-	7.75	7.51	7.00	6.24	5.31	4.46	3.81	3.85	3.28	3.06	5.23
1100-	3.14	2.85	2.58	2.61	2.52	2.65	2.75	3.58	4.43	4.69	3.18
1200-	5.63	5.92	5.96	6.57	6.67	6.94	7.34	8.41	8.31	9.23	7.10
1300-	9.56	9.61	9.31	9.17	9.41	8.48	8.72	9.14	9.67	9.64	9.27
1400-	9.53	9.03	9.16	9.00	9.37	9.47	9.58	9.59	9.49	9.48	9.37
1500-	9.77	9.50	8.96	7.56	5.19	6.11	4.86	3.58	2.32	2.05	5.99
1600-	2.00	2.31	2.25	2.02	1.93	1.49	1.43	1.19	1.18	1.28	1.71
1700-	1.51	2.08	2.56	3.35	3.98	5.47	6.91	7.02	7.23	4.69	4.48
1800-	8.99	7.64	7.21	8.03	7.85	7.56	7.08	6.94	6.47	6.27	7.40
1900-	6.25	6.37	6.43	6.76	6.81	7.25	7.22	7.14	6.83	6.73	6.78
2000-	6.40	5.78	5.28	4.74	4.44	4.68	4.61	4.68	5.02	5.02	5.06
2100-	4.86	5.18	5.09	5.07	5.17	4.32	3.83	3.69	3.50	3.40	4.41
2200-	3.23	2.87	3.18	3.15	2.71	2.88	3.20	3.42	3.70	3.89	3.22
2300-	4.47	4.55	4.28	4.45	4.68	4.51	4.93	5.02	4.67	4.61	4.62

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 46
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 194

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	5.30	5.41	5.30
Std Deviation	2.404	---	2.404
Variance	5.780	---	5.780
Number	194	194	194
=====			

EMISSIONS FOR 05174

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.88	4.68	4.75	4.52	4.64	4.67	4.42	4.45	4.40	4.60
0100-	4.44	4.81	5.33	6.08	6.22	6.85	6.64	6.76	6.55	6.86	6.05
0200-	7.15	7.75	8.00	8.44	8.77	9.64	9.62	9.82	9.89	9.33	8.84
0300-	8.67	8.49	8.31	7.37	6.36	5.90	5.41	5.60	6.30	6.91	6.93
0400-	7.37	8.33	8.92	8.94	9.56	9.52	9.18	8.98	8.24	7.78	8.68
0500-	7.25	7.34	6.98	7.11	6.95	6.31	6.24	6.17	6.80	7.35	6.85
0600-	7.53	7.30	7.54	7.60	8.10	8.06	8.27	8.43	8.64	8.96	8.04
0700-	8.82	8.96	8.92	9.04	9.45	9.74	9.81	9.65	10.06	10.15	9.46
0800-	9.32	8.86	7.87	7.94	8.54	8.36	8.06	7.81	7.80	7.62	8.22
0900-	7.25	7.07	6.60	6.51	5.84	5.23	4.58	3.99	3.39	2.98	5.34
1000-	3.18	3.21	3.19	3.28	3.55	3.43	3.44	3.30	3.37	3.31	3.33
1100-	3.17	3.36	3.34	3.13	3.31	3.25	3.19	3.24	3.19	2.92	3.21
1200-	2.77	2.62	2.55	2.54	2.24	2.28	2.17	2.06	2.18	2.02	2.34
1300-	2.08	2.07	1.94	1.82	1.86	1.74	1.82	1.95	2.33	2.62	2.02
1400-	3.07	3.55	4.31	4.90	5.64	6.55	6.80	6.90	6.98	7.79	5.65
1500-	7.75	7.28	7.32	7.68	7.77	7.41	6.74	6.55	5.97	5.37	6.98
1600-	4.75	4.23	3.90	3.59	3.43	3.02	2.42	1.81	1.52	1.28	3.00
1700-	1.33	1.63	1.83	2.22	2.54	3.17	3.38	3.71	4.03	3.02	2.69
1800-	4.56	4.59	5.50	5.61	5.87	6.33	7.01	7.16	7.64	7.75	6.20
1900-	7.41	7.55	7.74	7.77	7.71	7.89	7.85	7.52	7.78	7.78	7.70
2000-	7.82	7.27	7.36	7.37	7.50	7.48	7.57	7.39	8.29	8.32	7.64
2100-	8.08	7.91	8.22	8.15	9.02	9.33	8.94	8.83	9.11	8.80	8.64
2200-	8.88	8.60	8.67	8.61	8.02	7.54	8.06	8.50	7.79	7.91	8.26
2300-	7.21	6.84	6.37	5.76	5.57	5.84	6.20	6.12	6.63	7.13	6.37

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.13	6.15	6.13
Std Deviation	2.395	---	2.395
Variance	5.734	---	5.734
Number	239	239	239
=====			

EMISSIONS FOR 05173

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.40	4.29	4.24	4.29	3.92	3.88	4.09	4.08	4.25	4.16
0100-	4.43	4.70	4.72	4.58	4.64	4.37	4.11	3.62	3.13	2.80	4.11
0200-	2.33	2.21	2.31	2.14	2.13	2.30	2.54	3.10	3.90	5.32	2.83
0300-	6.71	8.14	8.70	9.43	10.13	9.88	9.68	8.75	8.30	7.60	8.73
0400-	7.05	7.25	7.67	8.12	8.25	9.02	10.06	9.94	8.81	8.35	8.45
0500-	7.95	7.19	6.55	5.78	4.77	3.94	3.47	3.11	2.96	2.94	4.87
0600-	3.06	3.09	3.36	3.29	2.82	2.65	2.44	2.26	2.06	2.61	2.76
0700-	2.52	2.57	2.31	2.52	2.21	2.62	3.08	3.96	5.15	5.75	3.27
0800-	6.13	6.43	6.85	7.10	7.54	7.17	6.24	6.00	5.99	6.57	6.60
0900-	6.53	6.43	6.60	6.38	6.47	7.25	7.64	8.35	8.12	8.20	7.20
1000-	8.52	7.86	7.06	6.08	4.42	2.47	1.47	1.23	1.15	1.61	4.19
1100-	2.65	2.92	3.11	3.70	4.60	4.93	6.21	5.29	6.41	6.18	4.60
1200-	5.98	6.28	7.81	7.65	8.11	8.65	9.39	9.59	9.93	9.56	8.30
1300-	9.99	8.71	6.57	4.90	4.07	2.87	2.76	1.90	2.28	2.47	4.65
1400-	2.39	2.21	2.32	2.34	2.72	2.87	2.84	2.64	2.33	2.13	2.48
1500-	1.70	1.57	1.31	1.45	1.41	1.43	1.17	1.03	1.28	1.55	1.39
1600-	1.57	1.78	2.06	2.34	2.95	3.63	4.02	6.17	6.71	7.20	3.84
1700-	7.27	8.06	7.85	7.86	8.93	9.08	8.82	8.56	9.00	4.86	8.03
1800-	7.53	7.07	6.86	5.92	5.51	4.88	4.12	1.30	0.85	0.69	4.47
1900-	0.51	0.45	0.43	0.44	0.38	0.35	0.45*	0.54*	1.01*	0.27	0.48
2000-*	0.41*	0.65*	1.04*	1.25	0.91	0.70	0.70	0.47	0.47	0.87	0.75
2100-	1.09	1.32	1.81	2.60	3.96	6.12	7.08	7.30	7.45	7.90	4.66
2200-	8.98	9.55	8.73	8.19	9.19	10.68	10.32	9.57	9.13	8.69	9.30
2300-	8.83	8.29	8.31	8.48	8.55	7.92	7.59	6.33	6.25	5.71	7.63

* Kiln Speed less than or equal to 20 RPH : 7
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 232

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.91	4.95	5.04
Std Deviation	2.912	---	2.862
Variance	8.479	---	8.190
Number	239	239	232
=====			

EMISSIONS FOR 05172

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.24	9.62	10.16	9.68	9.05	8.52	7.53	7.82	7.30	8.88
0100-	6.69	6.45	6.52	5.69	5.36	4.84	5.00	5.14	5.82	5.72	5.72
0200-	6.28	6.32	6.18	6.28	7.10	7.35	7.53	7.71	8.17	8.42	7.13
0300-	8.64	8.90	8.99	9.26	9.33	9.09	9.64	9.31	8.83	8.45	9.04
0400-	8.23	8.25	7.93	8.52	8.46	7.88	7.66	6.83	6.16	5.18	7.51
0500-	5.76	6.04	5.86	5.50	5.35	4.92	4.80	4.55	4.87	5.02	5.27
0600-	5.53	5.79	5.99	6.17	6.85	7.25	6.37	7.02	6.85	6.53	6.44
0700-	6.56	6.37	6.14	6.03	5.99	5.57	5.86	5.98	6.47	6.53	6.15
0800-	6.63	6.13	5.79	5.43	5.18	5.37	5.44	5.23	5.59	5.44	5.62
0900-	5.79	6.10	6.07	5.92	5.72	5.32	4.99	4.55	4.19	3.70	5.23
1000-	3.45	3.17	3.07	4.20	4.57	4.80	4.95	5.06	5.19	5.34	4.38
1100-	5.43	5.72	6.17	6.05	6.08	5.76	5.69	5.65	5.87	5.06	5.75
1200-	4.90	4.62	4.56	4.00	4.08	4.12	4.18	4.24	4.71	4.65	4.41
1300-	4.77	4.80	4.74	4.89	4.66	4.65	4.71	4.79	4.80	4.96	4.78
1400-	5.19	4.91	4.83	4.63	4.55	4.46	4.33	4.43	4.39	4.30	4.60
1500-	4.40	4.55	4.71	4.67	4.67	4.67	4.52	4.15	4.26	4.21	4.48
1600-	4.37	4.26	4.31	4.22	4.01	3.82	3.48	3.12	2.70	2.44	3.67
1700-	2.18	2.26	1.78	1.67	1.75	1.49	1.53	1.54	1.62	2.24	1.80
1800-	2.24	2.69	3.03	3.63	5.22	6.37	6.84	7.42	7.89	7.75	5.31
1900-	8.27	8.50	8.31	8.01	7.12	6.85	6.34	5.97	5.92	5.90	7.12
2000-	6.13	5.89	5.32	5.25	4.67	4.35	3.75	3.63	3.59	3.62	4.62
2100-	3.90	4.19	3.99	4.23	4.06	4.08	3.88	3.90	4.07	4.21	4.05
2200-	4.36	4.56	4.73	4.78	4.82	4.48	4.43	4.25	3.75	3.49	4.37
2300-	3.75	3.71	3.70	3.80	3.87	3.86	4.14	4.24	4.25	4.64	4.00

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.42 5.50
 1.772 ---
 3.139 ---
 239 239

5.42
 1.772
 3.139
 239

EMISSIONS FOR 05171

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.26	10.39	11.98	11.03	9.13	8.68	8.00	8.90	9.25	9.51
0100-	9.10	8.95	7.81	7.86	7.59	7.67	7.37	7.26	6.77	6.52	7.69
0200-	6.45	6.70	6.52	6.64	6.47	7.07	7.78	8.20	7.80	7.86	7.15
0300-	7.35	7.37	8.16	8.33	7.54	6.62	6.65	6.10	5.69	5.40	6.92
0400-	5.40	5.82	5.54	3.68	3.19	3.16	2.84	2.89	3.08	3.44	3.90
0500-	4.01	4.39	4.27	4.57	4.70	5.23	6.02	5.92	5.88	6.15	5.11
0600-	6.55	6.70	6.95	6.77	6.65	6.85	7.14	6.96	7.12	6.57	6.83
0700-	7.43	8.20	8.37	9.01	8.94	9.59	9.84	9.31	7.58	7.73	8.60
0800-	8.05	8.55	8.44	8.74	8.91	8.77	8.88	8.71	7.81	7.77	8.46
0900-	7.62	7.31	7.50	7.52	7.71	7.31	7.28	7.47	6.98*	38.68	10.54
1000-	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(1)
1100-	(4)	*17.57	2.41	3.36	3.40	3.54	4.20	3.54	3.67	4.51	5.13
1200-	4.65	4.71	4.92	5.46	6.41	6.58	7.38	7.33	6.98	7.00	6.14
1300-	7.73	9.02	9.23	9.73	10.12	9.83	9.89	10.07	9.36	8.26	9.32
1400-	7.44	7.29	6.86	6.33	5.90	5.24	4.87	3.85	3.35	3.06	5.42
1500-	3.47	3.73	3.87	4.25	4.70	5.13	5.95	5.96	7.04	6.84	5.09
1600-	7.43	7.50	7.68	7.99	7.82	8.01	8.56	8.52	8.07	7.34	7.89
1700-	7.22	7.26	7.41	6.96	6.71	6.47	6.62	6.48	6.42	4.04	6.56
1800-	6.70	6.76	7.11	7.95	8.08	8.30	8.44	8.59	8.59	8.69	7.92
1900-	9.11	9.98	9.99	9.99	10.03	9.40	9.68	10.29	10.10	9.42	9.80
2000-	9.20	9.31	8.84	8.78	8.66	8.16	7.79	7.27	7.43	7.16	8.26
2100-	6.92	6.69	6.60	6.61	6.19	5.83	4.56	4.10	3.74	3.72	5.50
2200-	3.71	3.10	3.14	3.26	3.39	3.42	3.67	4.14	4.95	6.06	3.88
2300-	6.76	7.05	7.84	8.77	10.58	10.54	8.97	10.41	9.63	9.49	9.00

* Kiln Speed less than or equal to 20 RPH : 2
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 11
 All other observations : 226

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	7.16	7.46	6.97
Std Deviation	2.986	---	2.016
Variance	8.915	---	4.063
Number	228	228	226
=====			

EMISSIONS FOR 05170

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	3.82	3.60	3.00	2.95	2.39	2.05	1.90	1.95	1.83		2.61
0100-	1.86	1.91	1.92	1.96	1.96	2.11	2.24	2.36	2.45	2.85		2.16
0200-	3.89	4.13	4.53	4.68	4.65	4.91	5.09	4.82	5.77	6.94		4.94
0300-	7.45	7.77	7.07	6.39	6.77	6.61	6.50	8.50	7.90	8.25		7.32
0400-	8.45	8.45	8.81	8.90	8.74	7.99	7.54	7.52	8.27	7.66		8.23
0500-	7.29	7.04	6.48	6.36	6.09	5.93	6.24	6.11	6.13	6.55		6.42
0600-	7.09	7.64	7.84	7.52	7.46	7.58	7.44	7.06	6.68	5.81		7.21
0700-	5.30	5.37	5.38	4.89	4.29	4.23	4.20	4.04	3.78	3.37		4.48
0800-	3.02	2.69	2.43	2.41	2.18	2.08	2.05	2.38	2.75	3.43		2.54
0900-	4.44	5.34	5.64	5.72	5.90	6.08	5.96	5.87	6.51	6.39		5.79
1000-	6.38	6.12	5.90	6.41	6.84	7.27	7.39	7.68	7.05	8.14		6.92
1100-	8.20	7.67	7.57	4.56	4.83	7.41	7.57	8.04	7.69	7.95		7.15
1200-	7.74	7.39	6.70	5.70	6.07	5.74	6.06	5.43	5.66	5.64		6.21
1300-	5.33	5.08	5.00	4.75	3.86	3.41	3.01	2.53	2.08	1.85		3.69
1400-	1.44	1.30	1.24	1.10	1.14	1.19	1.36	1.40	1.83	2.13		1.41
1500-	2.48	2.97	3.53	3.86	4.39	5.22	5.98	6.17	6.83	8.02		4.94
1600-	8.89	9.07	8.81	9.07	9.51	9.62	9.50	9.39	9.14	9.39		9.24
1700-	9.01	8.57	8.24	7.61	6.79	5.92	5.69	5.27	4.95	3.33		6.54
1800-	4.32	4.38	4.18	4.01	4.07	4.05	4.41	4.77	4.98	5.24		4.44
1900-	5.41	5.67	5.70	6.02	6.44	6.51	6.51	6.42	6.45	7.15		6.23
2000-	7.87	7.75	8.25	8.81	9.18	9.53	9.67	9.83	10.07	9.51		9.05
2100-	9.50	8.71	8.14	7.57	6.94	6.67	6.39	6.14	5.15	4.05		6.93
2200-	4.07	3.47	2.93	2.93	2.91	3.21	2.81	2.70	2.57	2.56		3.02
2300-	2.80	2.79	2.51	2.46	2.57	2.73	3.21	4.03	5.23	6.84		3.52

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	5.47	5.58	5.47
Std Deviation	2.333	---	2.333
Variance	5.443	---	5.443
Number	239	239	239
=====			

EMISSIONS FOR 05169

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.74	8.44	8.35	9.61	10.42	10.96	11.07	11.31	10.65	9.95
0100-	10.96	11.76	12.19	12.84	13.29	13.34	12.40	11.57	11.42	10.47	12.02
0200-	11.01	11.18	11.17	11.49	11.22	11.32	11.74	11.49	11.12	10.40	11.21
0300-	9.74	9.97	10.25	9.85	9.41	9.18	9.21	9.33	9.61	9.43	9.60
0400-	9.54	9.93	9.80	10.28	10.17	10.31	10.21	9.32	8.76	8.12	9.64
0500-	7.58	7.14	6.59	6.59	6.33	5.93	5.43	5.28	5.13	5.63	6.16
0600-	5.47	6.09	6.36	6.93	7.11	7.11	6.77	5.88	5.21	4.66	6.16
0700-	4.13	3.76	2.96	2.77	2.29	2.16	2.56	3.69	3.64	4.02	3.20
0800-	3.24	3.59	3.68	3.54	2.93	2.81	2.62	2.40	2.17	1.84	2.88
0900-	1.78	2.21	1.97	2.23	2.40	2.19	2.31	2.31	2.70	2.43	2.25
1000-	2.62	2.67	2.90	3.02	3.01	2.99	3.23	3.40	3.43	3.67	3.10
1100-	4.16	4.26	4.26	4.46	4.63	4.67	4.57	4.33	4.54	3.96	4.38
1200-	3.49	3.36	3.13	3.20	2.77	2.23	2.18	1.92	1.72	1.77	2.58
1300-	1.88	2.09	1.83	1.96	1.58	1.51	1.55	1.66	1.51	1.38	1.69
1400-	1.49	1.48	1.66	1.77	1.91	1.92	2.04	2.17	2.33	2.56	1.93
1500-	2.43	2.39	2.53	3.11	3.68	4.51	5.03	5.50	5.96	6.34	4.15
1600-	6.46	6.40	6.50	6.00	6.22	6.14	5.48	5.09	4.89	4.89	5.81
1700-	4.42	4.55	4.29	3.91	4.38	4.59	4.60	5.09	5.26	3.10	4.42
1800-	5.05	5.03	4.96	4.99	5.05	4.58	4.46	4.37	4.29	4.52	4.73
1900-	4.40	4.72	5.17	5.50	5.52	6.06	6.36	6.53	6.78	7.06	5.81
2000-	6.62	5.18	4.66	3.37	2.50	2.27	2.33	2.56	2.49	2.82	3.48
2100-	3.41	3.70	4.07	4.57	5.20	5.46	4.87	5.00	4.81	5.43	4.65
2200-	5.54	5.59	5.70	6.31	6.26	5.71	5.60	6.37	6.52	6.62	6.02
2300-	6.33	6.45	6.59	6.54	6.27	6.69	6.15	5.36	5.20	4.49	6.01

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.47	5.47	
Std Deviation	3.003	3.003	
Variance	9.021	9.021	
Number	239	239	

EMISSIONS FOR 05168

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.02	5.33	5.31	5.38	5.32	5.64	5.74	5.67	5.91	5.48
0100-	5.78	6.02	6.64	6.79	6.57	6.35	6.57	6.44	6.67	6.27	6.41
0200-	6.34	6.19	6.15	5.70	5.67	5.89	5.72	4.91	4.60	4.71	5.59
0300-	4.35	3.74	3.75	3.65	3.28	2.89	2.86	2.61	2.59	2.59	3.23
0400-	2.53	2.53	2.76	3.02	3.40	3.66	4.24	4.22	4.72	5.01	3.61
0500-	5.30	5.62	5.33	5.37	4.88	4.75	5.11	5.39	5.24	5.03	5.20
0600-	5.37	5.50	6.17	5.95	5.88	7.21	6.92	6.84	6.73	5.88	6.25
0700-	6.50	5.80	5.65	4.84	4.31	4.31	4.03	4.33	4.20	3.84	4.78
0800-	3.84	3.84	3.71	3.53	3.51	3.20	3.60	3.91	4.16	4.36	3.77
0900-	4.11	3.87	4.37	4.43	4.69	4.84	4.48	4.56	4.80	4.39	4.45
1000-	4.76	4.04	4.49	4.31	3.98	3.60	3.85	3.99	3.56	3.87	4.04
1100-	3.92	3.78	3.63	3.33	2.75	2.41	2.28	2.23	2.27	2.36	2.90
1200-	2.61	3.02	3.35	3.85	4.34	4.93	4.81	5.22	5.81	6.09	4.40
1300-	6.10	5.15	6.20	6.93	7.38	7.06	6.96	7.14	6.73	6.58	6.62
1400-	6.34	6.02	5.66	4.94	4.55	4.01	3.83	3.75	2.92	2.45	4.45
1500-	1.99	1.64	1.50	1.58	1.85	2.11	2.64	3.35	3.99	4.44	2.51
1600-	4.64	4.90	5.38	4.65	4.04	4.12	4.13	4.75	4.78	4.74	4.61
1700-	4.94	4.25	3.95	3.74	2.80	2.16	1.46	1.60	1.63	2.39	2.89
1800-	1.96	2.30	2.80	3.64	4.14	4.78	4.87	5.20	5.47	5.64	4.08
1900-	5.72	5.52	4.93	4.53	4.55	5.21	5.75	6.39	7.27	7.70	5.76
2000-	8.45	8.74	8.41	9.87	8.96	9.15	9.06	9.22	9.16	8.78	8.98
2100-	8.50	8.58	8.22	7.78	7.61	7.33	7.42	7.06	6.91	6.49	7.59
2200-	6.30	6.21	5.82	5.80	5.37	5.68	6.08	6.45	6.34	6.52	6.06
2300-	6.43	7.02	6.59	7.03	7.13	6.99	6.77	7.04	7.25	7.53	6.98

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	5.02	5.03	5.02
Std Deviation	1.741	---	1.741
Variance	3.032	---	3.032
Number	239	239	239

EMISSIONS FOR 05167

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.92	7.53	8.62	8.83	9.08	9.39	9.16	9.36	9.02	8.66
0100-	8.61	8.37	8.39	8.19	7.64	7.46	6.18	5.15	4.99	4.87	6.98
0200-	4.51	5.04	5.50	5.83	6.00	6.01	5.39	5.07	5.08	5.06	5.35
0300-	4.14	4.46	4.68	5.72	7.00	8.26	9.00	9.44	9.62	10.76	7.31
0400-	9.31	7.59	7.79	8.62	8.69	8.71	8.99	8.97	8.48	8.80	8.59
0500-	8.46	8.09	7.59	5.93	4.63	3.42	2.39	2.25	2.21	2.09	4.70
0600-	2.04	1.80	1.69	1.66	1.68	1.41	1.32	1.64	1.82	1.90	1.70
0700-	2.16	2.11	2.82	3.23	3.43	4.22	5.14	5.06	5.38	5.79	3.93
0800-	5.53	5.38	5.36	5.59	5.73	5.60	5.32	5.25	5.15	5.53	5.44
0900-	5.74	5.96	5.93	5.73	5.21	4.73	4.23	4.15	3.89	3.76	4.93
1000-	3.80	3.91	3.91	4.07	4.13	4.71	4.89	4.68	4.82	4.62	4.35
1100-	4.50	4.32	4.25	3.95	4.04	3.90	4.28	4.60	5.05	5.45	4.43
1200-	5.38	5.58	5.79	6.36	6.30	6.24	6.46	6.35	6.44	6.02	6.09
1300-	5.71	5.62	5.07	4.92	5.18	5.25	5.24	5.20	5.61	6.01	5.38
1400-	6.21	6.31	6.88	7.58	7.81	8.39	8.52	8.39	8.61	8.70	7.74
1500-	9.03	8.79	9.08	8.76	8.73	8.82	9.11	8.78	8.77	8.45	8.83
1600-	7.79	7.84	7.69	7.50	7.65	7.48	7.29	7.52	7.57	7.60	7.59
1700-	7.56	7.88	7.07	6.95	6.68	6.06	6.05	6.01	5.48	3.39	6.31
1800-	5.59	5.73	5.88	6.29	6.00	6.29	6.64	6.27	6.78	6.81	6.23
1900-	6.97	7.94	8.34	8.51	8.68	8.68	9.24	9.44	9.51	9.39	8.67
2000-	9.29	8.81	8.91	8.52	8.31	8.54	8.15	7.93	7.41	6.87	8.27
2100-	6.67	6.54	6.19	5.90	5.97	5.92	6.17	6.45	6.11	6.58	6.25
2200-	6.90	7.47	7.65	7.58	7.74	7.67	7.87	7.51	7.79	7.39	7.56
2300-	7.19	6.98	6.86	6.44	6.43	5.61	5.25	5.92	5.86	5.17	6.17

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.30	6.30	
Std Deviation	2.007	2.007	
Variance	4.029	4.029	
Number	239	239	

EMISSIONS FOR 05166

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.70	4.83	4.75	4.88	4.95	5.23	5.28	5.29	5.40	5.03
0100-	5.59	5.82	5.82	6.17	6.28	6.32	6.15	6.33	6.30	6.27	6.11
0200-	6.39	6.18	5.94	5.54	4.65	4.41	4.02	4.53	4.47	4.58	5.07
0300-	3.96	4.18	4.17	4.15	3.84	3.38	2.74	2.47	2.07	1.90	3.29
0400-	1.93	1.76	1.54	1.62	1.52	1.59	1.63	1.71	1.75	1.94	1.70
0500-	2.18	2.70	3.26	3.51	3.56	3.84	3.96	4.32	4.50	4.28	3.61
0600-	4.53	4.52	3.89	3.87	3.83	3.44	3.29	2.60	2.97	2.35	3.53
0700-	1.81	1.81	1.72	1.60	1.55	1.53	1.59	1.45	1.38	1.70	1.61
0800-	1.84	1.88	2.17	2.59	3.20	4.33	5.64	6.59	7.62	8.30	4.42
0900-	9.05	9.72	9.83	10.05	10.01	9.85	9.63	9.41	8.90	8.50	9.50
1000-	7.93	7.38	7.47	6.62	6.00	6.65	6.34	6.24	6.33	6.41	6.74
1100-	6.48	6.29	5.79	5.75	6.07	4.99	5.04	4.78	4.18	4.29	5.37
1200-	4.21	4.37	4.48	4.58	4.74	4.46	4.07	3.40	2.57	2.18	3.91
1300-	2.00	1.97	2.00	2.05	2.44	2.86	3.73	4.47	5.12	5.48	3.21
1400-	6.21	6.20	6.63	7.13	7.54	8.65	8.74	8.74	8.91	9.10	7.78
1500-	9.47	9.50	9.08	9.13	8.60	9.16	8.91	8.68	8.94	8.06	8.95
1600-	7.73	7.31	6.59	5.90	5.64	5.36	5.20	5.09	4.90	4.53	5.83
1700-	3.87	3.25	2.66	2.18	1.99	1.96	2.05	2.12	2.34	2.36	2.48
1800-	3.23	3.91	4.50	5.07	5.66	6.00	6.00	5.81	5.65	6.29	5.21
1900-	6.54	6.50	6.66	7.38	7.73	7.77	8.71	9.17	9.19	9.73	7.94
2000-	10.11	10.30	9.63	9.88	10.26	10.25	10.59	9.91	9.61	9.78	10.03
2100-	9.63	9.19	9.10	8.75	7.93	7.60	6.90	6.73	6.72	5.92	7.85
2200-	5.22	4.06	2.92	1.90	1.74	1.81	1.95	2.49	2.62	2.69	2.74
2300-	3.26	3.55	3.39	3.21	3.11	3.00	2.94	3.24	3.89	4.91	3.45

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 =====
 Average
 Std Deviation
 Variance
 Number

 =====
 5.22 5.11
 2.570 ---
 6.605 ---
 239 239
 =====

 =====
 5.22
 2.570
 6.605
 239
 =====

EMISSIONS FOR 05165

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.93	6.78	7.21	7.25	6.89	7.40	7.56	7.48	7.58	7.23
0100-	7.90	8.18	7.95	7.49	7.87	7.80	7.85	7.54	8.32	8.30	7.92
0200-	8.59	7.53	8.19	8.45	7.90	7.68	8.28	8.29	8.20	8.14	8.12
0300-	7.86	8.10	7.81	7.85	7.72	7.81	7.36	7.20	7.42	7.24	7.64
0400-	7.17	7.20	7.04	6.75	6.95	7.06	7.18	6.99	6.91	6.61	6.99
0500-	6.71	6.48	6.41	6.49	6.69	6.51	6.97	7.12	7.35	7.35	6.81
0600-	6.76	6.57	7.82	7.97	7.89	7.84	8.07	8.94	8.73	8.60	7.92
0700-	8.93	9.23	9.31	8.37	7.54	7.43	8.23	7.85	7.74	6.95	8.16
0800-	7.05	7.78	7.76	7.41	6.28	6.84	6.80	6.77	5.67	(1)	6.93
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	5.95	6.66	6.39	5.58	6.02	6.62	6.20
1300-	7.09	6.76	7.31	7.78	7.76	7.39	7.29	7.38	7.17	6.47	7.24
1400-	6.02	5.70	5.63	5.49	5.11	5.24	5.66	5.75	5.48	5.94	5.60
1500-	6.22	6.61	6.88	7.07	7.57	7.17	7.32	7.81	8.23	8.33	7.32
1600-	8.85	8.73	8.52	9.01	9.07	8.99	8.37	8.10	7.62	7.64	8.49
1700-	7.72	7.53	6.99	6.72	6.61	6.48	6.21	5.97	5.90	3.64	6.38
1800-	6.05	5.65	5.89	5.54	5.30	5.42	5.26	4.87	5.02	5.00	5.40
1900-	5.30	5.58	5.36	4.82	4.39	4.94	5.06	4.85	4.81	4.97	5.01
2000-	5.16	5.05	4.58	4.15	4.26	4.54	4.63	4.26	4.45	4.78	4.58
2100-	4.96	5.29	5.43	5.17	5.40	5.50	5.69	5.69	5.99	5.92	5.50
2200-	5.79	5.90	5.87	5.75	5.61	5.49	5.54	5.46	5.72	5.62	5.68
2300-	5.27	5.19	5.02	5.18	4.63	4.70	4.69	4.55	4.20	4.56	4.80

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 36
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 204

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.67	6.67	
Std Deviation	1.285	1.285	
Variance	1.652	1.652	
Number	204	204	

EMISSIONS FOR 05164

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	10.11	10.31	8.72	8.15	8.94	11.02	11.89	12.39	12.45	12.93	10.69
0800-	13.09	12.82	12.65	12.76	10.33	9.70	9.49	9.94	9.61	9.56	11.00
0900-	8.88	8.41	9.10	8.99	8.59	8.80	8.30	8.32	7.13	5.74	8.23
1000-	5.43	5.10	5.30	5.83	6.65	6.40	7.02	7.66	8.57	9.65	6.76
1100-	10.99	9.64	8.86	10.00	9.37	9.95	10.21	9.70	(1)	(1)	9.84
1200-	(1)	(1)	(1)	(1)	7.55	8.52	9.99	9.75	9.45	9.63	9.15
1300-	9.33	8.12	7.98	8.11	7.41	7.55	7.69	7.57	7.55	7.95	7.93
1400-	8.49	8.37	8.40	8.17	7.87	7.57	7.43	7.27	7.03	6.70	7.73
1500-	6.09	5.70	5.01	4.90	4.29	3.99	3.74	3.56	3.78	3.89	4.49
1600-	4.18	4.42	4.67	5.02	5.40	5.72	5.88	5.88	5.92	6.08	5.32
1700-	6.26	6.61	6.78	6.87	7.04	7.03	7.18	7.59	7.45	4.12	6.69
1800-	7.68	7.44	7.24	7.36	7.15	7.29	7.42	7.57	7.60	7.49	7.42
1900-	8.00	7.89	8.60	8.92	8.89	9.21	9.59	9.79	9.50	7.24	8.76
2000-	7.44	7.00	7.61	7.39	6.40	5.76	6.38	7.28	7.40	7.22	6.99
2100-	7.22	7.36	7.25	6.96	7.29	7.28	7.41	7.53	7.79	7.40	7.35
2200-	7.79	8.03	7.91	8.06	8.01*	7.91	(1)	(1)	(1)	(1)	7.95
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 90
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 149

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.83	7.83	
Std Deviation	1.953	1.960	
Variance	3.814	3.840	
Number	150	149	

EMISSIONS FOR 05163

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05162

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.49	10.91	10.65	9.69	9.97	10.40	11.05	11.37	11.88	10.71
0100-	8.48	7.47	7.48	6.41	6.14	8.05	8.84	8.28	8.38	8.19	7.77
0200-	7.78	7.43	7.37	7.19	7.16	7.33	7.22	6.63	6.44	6.43	7.10
0300-	6.66	6.74	6.69	6.95	6.99	7.22	7.38	7.25	7.34	7.17	7.04
0400-	7.03	6.70	6.42	6.08	5.74	5.34	5.49	5.82	5.91	5.79	6.03
0500-	5.98	6.08	6.12	6.46	6.38	6.47	6.29	6.73	6.48	6.37	6.33
0600-	6.73	6.80	6.70	6.72	6.61	6.88	6.95	6.88	7.07	7.43	6.88
0700-	7.49	7.70	8.16	8.56	8.89	8.59	10.05	10.53	10.51	10.84	9.13
0800-	11.03	11.48	11.30	10.89	11.71	9.77	8.97	9.01	8.49	8.37	10.10
0900-	8.93	8.27	7.47	7.36	8.38	7.81	7.49	7.71	7.51	7.51	7.84
1000-	7.89	7.90	7.77	7.94	8.57	9.61	9.45	9.12	9.31	8.11	8.57
1100-	7.39	8.06	9.10	8.61	8.49	8.11	8.26	8.50	8.71	8.39	8.36
1200-	8.17	7.73	8.09	8.08	8.28	7.95	7.83	8.46	8.61	8.68	8.19
1300-	8.68	8.84	9.07	9.40	9.50	8.75	10.14	10.09	9.42	10.00	9.39
1400-	9.98	9.78	9.62	9.47	9.25	9.05	9.36	9.11	8.28	7.54	9.15
1500-	7.71	7.84	7.76	7.47	6.90	6.76	6.81	6.97	7.10	7.42	7.27
1600-	7.46	7.96	8.35	8.79	8.54	8.93	8.90	9.25	9.09	8.86	8.61
1700-	9.19	9.46	9.09	9.27	9.71	(4)	(1)	(1)	(1)	(1)	9.34
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 65
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 174

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.17	8.17	
Std Deviation	1.401	1.401	
Variance	1.964	1.964	
Number	174	174	

EMISSIONS FOR 05161

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.10	8.78	8.92	8.64	8.70	8.58	8.28	8.07	7.44	8.50
0100-	7.34	6.86	6.75	6.74	6.29	6.40	6.18	6.03	5.71	5.28	6.36
0200-	5.40	5.11	4.88	5.36	4.77	5.29	5.52	5.82	6.21	6.28	5.46
0300-	6.29	6.37	6.51	6.49	6.48	6.94	6.78	7.03	7.43	7.02	6.73
0400-	8.19	8.78	9.96	9.08	9.94	10.27	9.64	10.62	10.74	11.27	9.85
0500-	12.26	12.73	12.80	12.35	13.13	12.14	12.10	12.14	12.55	12.59	12.48
0600-	11.76	12.02	12.05	11.85	11.54	11.14	10.92	10.44	10.45	11.35	11.35
0700-	9.97	9.84	9.49	8.96	8.80	9.31	10.09	10.30	10.32	9.26	9.63
0800-	9.96	10.24	9.94	9.90	10.81	11.91	11.83	11.67	12.16	13.59	11.20
0900-	12.70	11.81	11.37	11.32	12.12	11.92	11.55	11.92	11.57	11.56	11.78
1000-	11.84	11.60	11.15	10.99	10.26	9.01	8.75	8.50	7.99	7.98	9.81
1100-	7.84	7.90	8.35	8.32	8.22	8.29	8.26	8.45	8.64	8.19	8.25
1200-	8.28	8.30	7.62	7.78	7.95	7.76	7.10	6.96	6.97	6.87	7.56
1300-	6.52	7.09	7.03	6.96	6.49	6.14	6.30	6.64	5.92	5.93	6.50
1400-	6.01	5.57	5.12	4.92	4.09	3.48	2.99	3.17	3.02	3.00	4.14
1500-	2.74	2.74	3.26	3.71	4.45	5.76	6.27	7.36	8.59	9.22	5.41
1600-	9.87	8.66	8.28	8.21	7.98	8.44	7.86	8.20	7.49	6.87	8.19
1700-	6.99	6.62	6.47	6.17	6.24	6.30	5.54	4.79	4.11	3.31	5.65
1800-	4.20	3.70	4.42	4.80	4.98	5.25	5.93	6.02	6.13	6.48	5.19
1900-	7.23	7.87	8.39	7.71	9.15	9.54	9.76	9.97	10.12	10.49	9.02
2000-	11.04	11.35	12.17	12.47	12.21	11.87	12.13	13.16	12.70	12.49	12.16
2100-	10.53	10.12	8.80	7.83	8.53	8.42	7.92	7.78	8.19	6.96	8.51
2200-	7.03	6.92	7.21	8.16	8.73	8.15	8.02	8.03	8.04	8.19	7.85
2300-	8.86	8.88	8.09	8.98	9.25	9.66	10.14	10.02	9.99	10.38	9.42

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.38	8.38	
Std Deviation	2.510	2.510	
Variance	6.302	6.302	
Number	239	239	

EMISSIONS FOR 05160

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.50	3.94	2.96	2.76	3.13	3.39	3.82	4.66	5.49	3.96
0100-	7.10	8.05	8.76	9.71	10.80	11.93	13.13	13.90	14.25	14.60	11.22
0200-	15.30	13.92	13.75	15.89	15.72	14.81	15.34	13.93	15.03	15.11	14.88
0300-	15.65	15.88	15.85	13.66	14.24	14.52	14.19	12.72	12.29	11.76	14.08
0400-	11.68	12.89	12.35	11.13	9.58	9.87	9.95	9.91	9.68	8.54	10.56
0500-	8.10	8.22	8.59	8.21	7.82	7.92	7.48	7.07	7.18	7.91	7.85
0600-	7.67	7.27	8.11	8.90	9.31	9.33	8.82	8.28	7.76	7.36	8.28
0700-	6.78	5.82	4.75	4.13	3.62	2.79	2.10	1.93	2.02	2.29	3.62
0800-	2.42	2.53	3.09	3.45	3.67	3.97	4.06	4.37	5.07	5.73	3.84
0900-	6.29	6.85	6.97	7.26	7.83	8.26	7.78	8.00	8.18	8.09	7.55
1000-	7.96	8.05	7.78	7.38	6.75	6.40	6.17	5.91	6.03	5.95	6.84
1100-	5.53	5.44	5.80	5.73	5.98	6.31	6.51	6.91	7.32	6.95	6.25
1200-	6.14	5.55	5.05	5.30	5.34	5.74	5.69	5.91	5.70	5.90	5.63
1300-	6.20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.20
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 110
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 130

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NOx in pounds per ton of clinker produced

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ALL NON-ZERO DATA

KILN SPEED > 20 rph

=====

Arithmetic Weighted

=====

=====

Arithmetic

=====

Average
 Std Deviation
 Variance
 Number

8.06 7.92
 3.744 ---
 14.017 ---
 130 130

=====

8.06
 3.744
 14.017
 130

=====

EMISSIONS FOR 05159

AVERAGE

6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
HOUR	(1)	7.63	7.60	7.89	7.63	7.51	7.89	7.88	7.31	6.81	7.57
0000-	(1)	7.63	7.60	7.89	7.63	7.51	7.89	7.88	7.31	6.81	7.57
0100-	6.80	6.29	6.77	6.35	5.78	6.04	5.58	4.71	4.46	3.95	5.67
0200-	3.86	4.03	4.13	4.48	4.48	4.75	4.63	4.80	5.02	4.59	4.48
0300-	4.46	4.42	4.39	4.21	3.87	3.59	3.46	3.35	3.23	2.93	3.79
0400-	2.68	2.77	2.66	2.38	2.41	2.12	2.06	1.93	1.71	1.61	2.23
0500-	1.70	1.73	1.66	1.78	1.82	1.95	2.16	2.43	2.67	2.94	2.08
0600-	3.08	3.65	4.05	3.99	4.07	3.86	3.55	3.56	3.41	4.09	3.73
0700-	3.56	3.60	2.61	2.55	3.10	3.18	2.86	2.48	2.55	2.98	2.95
0800-	2.86	2.75	2.59	2.35	2.36	2.02	2.01	1.92	1.95	2.05	2.29
0900-	2.01	2.20	2.64	3.03	3.77	4.78	5.68	6.50	6.86	6.90	4.44
1000-	7.15	7.25	6.56	6.68	6.42	5.22	4.64	4.28	3.59	2.21	5.40
1100-	1.81	1.84	1.21	1.27	1.20	1.24	1.32	1.35	1.45	1.55	1.42
1200-	1.53	1.53	1.75	1.68	1.90	2.58	3.08	4.08	5.00	5.70	2.88
1300-	6.07	7.31	7.74	8.15	8.81	10.52	8.84	8.92	9.49	9.18	8.50
1400-	9.22	9.95	9.54	9.35	9.32	9.44	9.08	8.81	8.63	7.92	9.12
1500-	7.79	6.59	4.96	3.22	1.79	1.14	1.21	1.08	1.10	1.08	3.00
1600-	1.93	4.15	3.96	4.92	5.08	8.39	10.85	10.48	11.17	10.85	7.18
1700-	10.75	9.22	8.61	8.25	7.93	7.40	8.73	9.63	10.14	5.76	8.64
1800-	10.49	6.88	2.46	2.01	2.69	2.93	2.82	2.67	2.35	1.96	3.73
1900-	1.95	2.12	1.89	1.68	1.21	1.04	0.89	0.89	0.77	0.89	1.33
2000-	0.85	0.90	0.84	0.86	0.78	0.97	0.87	0.91	0.92	0.76	0.87
2100-	0.86	0.86	0.82	0.84	0.88	0.83	0.98	1.02	1.17	1.29	0.95
2200-	1.29	1.34	4.53	3.95	6.54	7.45	8.64	10.09	10.78	11.31	6.59
2300-	10.53	9.42	10.18	9.93	9.76	8.25	8.87	8.29	7.46	7.00	8.97

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.48
 3.031
 9.186
 239

4.48
 3.031
 9.186
 239

1400-	7.82	7.80	7.71	7.55	7.83	7.42	7.43	7.25	6.92	6.74	7.45
1500-	6.77	6.46	6.71	6.53	6.74	7.04	7.61	7.20	8.47	9.45	7.30
1600-	9.90	9.89	8.64	8.47	8.65	8.12	7.66	7.48	6.85	7.01	8.27
1700-	6.88	6.79	6.45	6.23	6.25	6.04	5.90	6.82	7.34	4.72	6.34
1800-	8.20	8.03	8.55	7.36	7.50	7.89	8.24	8.54	8.28	8.08	8.07
1900-	8.06	7.84	7.38	7.15	6.61	6.04	6.02	5.38	5.38	5.12	6.50
2000-	5.20	5.20	5.21	5.18	5.35	5.35	5.07	5.62	5.63	6.39	5.42
2100-	5.38	6.04	6.48	6.71	6.76	7.70	7.89	7.15	7.04	7.17	6.83
2200-	6.95	6.65	6.88	6.86	6.90	6.64	6.74	7.01	7.16	7.48	6.93
2300-	8.11	8.44	8.90	8.90	9.52	9.45	9.27	8.82	8.38	7.88	8.77

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 7
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 233

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

EMISSIONS FOR 05158

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.69	2.29	2.05	1.70	1.43	1.25	1.46	1.41	1.14	1.71
0100-	1.18	1.20	1.35	1.35	1.52	1.68	1.75	2.27	2.96	3.53	1.88
0200-	3.96	4.65	5.46	6.21	6.18	6.60	6.44	6.38	6.97	6.49	5.93
0300-	6.90	7.61	7.88	9.39	9.51	9.21	9.08	8.23	7.80	6.56	8.22
0400-	6.57	6.39	5.92	6.24	5.53	5.70	5.41	5.21	5.42	5.55	5.79
0500-	5.60	5.73	5.88	5.83	5.16	5.34	5.75	5.49	5.20	5.07	5.50
0600-	4.66	4.94	4.63	4.46	4.25	3.95	3.43	3.12	3.00	2.75	3.92
0700-	2.43	2.26	2.52	2.64	2.67	3.08	3.52	4.16	4.38	4.73	3.24
0800-	4.82	5.02	5.23	5.59	5.90	5.87	5.98	6.35	6.86	7.52	5.92
0900-	7.51	7.25	6.87	7.09	6.45	6.60	6.58	6.17	5.82	5.17	6.55
1000-	5.42	5.73	(1)	(1)	(1)	(1)	(1)	(1)	7.15	6.36	6.17
1100-	5.59	5.11	4.93	5.03	4.62	4.50	4.52	4.27	3.87	3.45	4.59
1200-	3.79	3.44	3.34	3.46	3.47	3.74	4.15	4.62	5.04	5.60	4.07
1300-	6.12	5.84	6.67	6.49	7.70	8.16	7.83	7.93	8.35	8.49	7.36
1400-	7.82	7.80	7.71	7.55	7.83	7.42	7.43	7.25	6.92	6.74	7.45
1500-	6.77	6.46	6.71	6.53	6.74	7.04	7.61	7.20	8.47	9.45	7.30
1600-	9.90	9.89	8.64	8.47	8.65	8.12	7.66	7.48	6.85	7.01	8.27
1700-	6.88	6.79	6.45	6.23	6.25	6.04	5.90	6.82	7.34	4.72	6.34
1800-	8.20	8.03	8.55	7.36	7.50	7.89	8.24	8.54	8.28	8.08	8.07
1900-	8.06	7.84	7.38	7.15	6.61	6.04	6.02	5.38	5.38	5.12	6.50
2000-	5.20	5.20	5.21	5.18	5.35	5.35	5.07	5.62	5.63	6.39	5.42
2100-	5.38	6.04	6.48	6.71	6.76	7.70	7.89	7.15	7.04	7.17	6.83
2200-	6.95	6.65	6.88	6.86	6.90	6.64	6.74	7.01	7.16	7.48	6.93
2300-	8.11	8.44	8.90	8.90	9.52	9.45	9.27	8.82	8.38	7.88	8.77

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 7
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 233

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.96	5.96	
Std Deviation	2.007	2.007	
Variance	4.027	4.027	
Number	233	233	

EMISSIONS FOR 05157

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.22	5.81	6.49	6.66	7.03	6.55	6.44	6.57	6.55	6.37
0100-	5.85	6.02	5.74	5.51	5.21	5.68	6.32	5.06	5.03	5.22	5.56
0200-	5.00	5.00	5.61	5.13	4.75	5.43	5.46	5.41	5.49	5.33	5.26
0300-	4.98	4.43	4.41	4.63	4.66	4.43	4.70	4.84	4.91	4.66	4.66
0400-	5.26	5.29	5.30	4.73	4.75	4.59	4.94	4.09	3.78	4.71	4.74
0500-	4.79	4.54	4.65	4.84	4.70	4.21	4.18	3.58	3.29	3.32	4.21
0600-	2.74	2.19	1.98	1.96	2.10	1.91	2.03	2.56	2.91	2.89	2.33
0700-	2.89	3.45	3.21	3.62	4.21	4.48	4.67	4.84	4.92	4.97	4.13
0800-	5.33	5.58	5.71	5.92	7.15	7.31	7.05	7.03	6.79	6.43	6.43
0900-	5.65	4.68	4.84	4.23	3.46	3.13	3.01	2.52	2.33	2.13	3.60
1000-	1.85	1.77	1.68	1.62	1.87	2.07	2.69	3.00	3.88	4.62	2.50
1100-	6.08	6.48	7.45	7.61	8.02	9.00	10.00	9.59	9.36	9.51	8.31
1200-	8.77	8.51	9.05	8.86	8.65	9.57	8.81	9.41	9.16	9.63	9.04
1300-	9.11	8.69	8.39	7.18	7.72	7.55	6.38	6.74	6.10	6.04	7.39
1400-	5.25	5.48	4.90	5.57	4.51	4.42	4.86	4.65	5.30	4.94	4.99
1500-	4.88	4.76	4.75	4.11	4.98	4.88	4.78	4.68	4.32	4.51	4.66
1600-	4.99	4.63	4.98	5.34	4.77	4.72	4.45	5.12	5.00	5.09	4.91
1700-	5.39	5.44	5.62	5.74	5.62	5.73	6.07	5.80	6.10	4.08	5.56
1800-	6.85	7.21	6.97	7.02	7.61	8.03	7.90	8.19	8.13	8.38	7.63
1900-	8.89	8.01	7.89	7.80	7.65	7.93	7.26	6.62	6.24	6.22	7.45
2000-	5.96	6.08	5.56	5.20	4.64	3.81	2.69	2.22	1.82	1.81	3.98
2100-	1.53	1.45	1.42	1.33	1.46	1.77	2.07	2.57	3.23	3.38	2.02
2200-	3.64	3.95	4.48	4.75	4.51	4.16	4.30	4.40	4.35	4.10	4.26
2300-	4.64	5.20	4.40	4.30	4.10	4.10	4.09	3.65	3.54	3.66	4.17

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	5.17	5.22	5.17
Std Deviation	1.949	---	1.949
Variance	3.797	---	3.797
Number	239	239	239
=====			

EMISSIONS FOR 05156

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-*	4.41	1.85	3.55	3.77	3.15	1.47	3.77	3.63	4.62	4.77	3.50
0200-	4.36	4.62	6.78	8.01	7.67	7.23	7.93	8.95	9.48	8.27	7.33
0300-	8.15	7.47	7.15	6.87	7.55	8.19	7.92	7.18	9.40	7.71	7.76
0400-	9.30	8.92	9.95	5.23	8.26	5.43	7.42	7.48	7.21	9.94	7.91
0500-	12.44	14.20	14.46	12.63	12.53	12.98	15.38	15.35	16.48	15.81	14.23
0600-	16.48	16.00	14.82	15.37	14.26	14.29	14.88	14.09	12.26	12.48	14.49
0700-	11.54	11.05	13.56	13.74	13.79	14.83	14.67	14.66	12.86	14.33	13.50
0800-	13.00	13.12	13.25	14.39	13.73	13.05	11.59	13.39	11.97	9.24	12.67
0900-	9.07	8.09	7.41	6.96	6.66	5.81	6.57	7.01	7.49	8.11	7.32
1000-	9.53	10.25	9.90	10.49	9.75	9.32	9.81	9.81	10.82	11.16	10.09
1100-	11.42	11.75	10.84	10.45	10.17	10.28	9.32	8.95	9.71	9.25	10.21
1200-	8.96	9.23	9.74	9.20	9.39	8.47	8.76	8.82	8.80	9.70	9.11
1300-	9.32	9.77	10.37	10.10	9.53	9.58	8.99	8.55	9.32	9.38	9.49
1400-	9.40	8.59	8.55	8.52	7.93	8.97	9.02	8.14	8.54	8.71	8.64
1500-	8.75	8.91	8.69	9.49	9.88	10.29	10.43	9.89	10.12	9.61	9.61
1600-	9.80	9.33	9.25	9.28	8.42	8.05	7.85	8.13	7.76	8.10	8.60
1700-	7.76	8.16	8.45	7.97	7.74	7.59	7.79	7.84	7.76	4.51	7.56
1800-	7.58	8.22	8.91	9.20	9.35	9.44	9.21	9.07	9.15	9.53	8.97
1900-	9.25	9.43	8.88	9.19	9.21	9.75	9.38	9.47	9.76	9.73	9.40
2000-	9.07	9.19	8.68	8.97	9.18	8.92	8.61	8.85	8.19	8.90	8.86
2100-	8.37	8.31	8.40	7.61	6.74	6.71	6.16	6.26	6.11	5.88	7.06
2200-	6.36	6.64	6.20	6.55	6.72	5.44	5.54	5.06	4.50	4.29	5.73
2300-	4.14	3.84	3.43	3.99	4.12	3.85	4.55	4.84	4.62	5.55	4.29

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 10
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 229

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.97	8.64	8.99
Std Deviation	2.903	---	2.893
Variance	8.426	---	8.371
Number	230	230	229

EMISSIONS FOR 05155

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*19.35	19.35
1400-*	28.60	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	28.60
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	0.16	0.18	0.15	0.13	0.14	0.14	0.14	0.14	0.14	0.40	0.17
1800-	0.19	0.14	0.20	0.17	0.18	0.16	0.18	0.17	0.19	0.19	0.18
1900-	0.20	0.19	0.21	0.22	0.23	0.22	0.58	0.52	0.48	0.66	0.35
2000-	0.23	0.25	0.28	0.29	0.36	0.35	0.35	0.33	0.61	0.89	0.39
2100-	1.14	0.96	1.06	1.05	1.11	0.93	0.84	(1)	(1)	(1)	1.01
2200-	(1)	(1)	(1)	(1)	* 5.69	1.18	1.59	1.55	1.58	1.15	2.12
2300-	1.04	1.02	1.06	1.14*	2.55	(1)	(1)	(1)	(1)	(1)	1.36

* Kiln Speed less than or equal to 20 RPH : 4
 (1) No value taken or data not retrievable : 180
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 56

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	1.43	-28.48	0.52
Std Deviation	4.387	---	0.441
Variance	19.242	---	0.194
Number	60	60	56

EMISSIONS FOR 05154

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05153

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05152

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05151

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05150

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05149

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05148

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.83	3.43	3.52	3.71	5.12	5.78	6.35	5.58	4.27	4.62
0100-	3.49	2.71	2.13	1.77	1.67	1.54	1.52	1.36	1.65	1.72	1.96
0200-	1.76	1.97	1.87	1.90	1.86	2.30	2.43	3.12	3.80	4.77	2.58
0300-	5.05	6.51	7.21	5.87	5.40	3.78	5.33	4.16	1.28	2.22	4.68
0400-	1.41	0.90	0.49	0.35	0.33	0.25	0.22	0.18	0.26	0.15	0.45
0500-	0.23	0.18	0.16	0.43	0.35	0.18	0.37	0.28	0.58	(1)	0.31
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 182
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 58

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	2.43	2.43	
Std Deviation	2.015	2.015	
Variance	4.059	4.059	
Number	58	58	

EMISSIONS FOR 05147

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.57	6.72	6.37	5.73	6.02	5.18	5.93	4.98	4.26	5.75
0100-	4.34	4.03	4.02	4.25	4.24	4.27	4.13	4.23	4.46	4.66	4.26
0200-	4.90	4.92	4.94	5.39	5.49	5.40	5.65	5.64	6.02	6.82	5.52
0300-	6.46	5.91	6.49	7.11	7.69	5.99	6.49	6.52	6.67	6.65	6.60
0400-	6.11	5.95	7.40	6.05	5.39	4.92	5.91	6.28	6.17	5.39	5.96
0500-	5.36	6.16	5.96	6.10	5.08	4.07	3.73	3.26	3.15	3.49	4.64
0600-	3.89	4.28	4.73	4.95	4.90	5.47	4.95	4.87	4.86	4.11	4.70
0700-	4.88	4.67	4.72	5.05	5.15	4.75	4.68	4.08	4.15	3.85	4.60
0800-	3.92	3.52	3.98	3.80	3.66	3.77	3.97	4.21	4.55	4.83	4.02
0900-	5.07	5.67	5.74	5.98	6.40	6.46	6.52	6.33	6.54	6.08	6.08
1000-	6.01	6.33	5.97	6.27	6.99	6.76	7.04	6.55	5.97	4.96	6.29
1100-	7.06	6.77	7.02	6.44	6.32	5.53	4.85	4.51	4.79	5.28	5.86
1200-	4.85	4.63	3.98	3.85	3.98	3.57	3.21	3.23	3.14	2.79	3.72
1300-	2.91	3.37	3.51	3.97	5.07	4.70	5.06	4.65	4.85	4.60	4.27
1400-	4.81	4.54	4.80	5.02	4.97	5.68	6.51	6.53	5.83	6.55	5.52
1500-	7.01	7.75	4.63	1.63	3.69	3.64	4.51	4.58	4.50	3.96	4.59
1600-	2.71	2.16	1.16	0.87	0.56	0.34	0.34	0.50	0.39	0.22	0.93
1700-	0.36	0.44*	0.80*	1.11*	1.06*	1.22*	1.22*	1.04*	0.67*	0.69	0.86
1800-*	1.13*	1.25*	1.78*	2.44	2.50	2.08	1.86	2.33	3.56	4.86	2.38
1900-	5.28	8.14	6.90	8.01	9.10	10.32	10.29	10.96	10.83	10.38	9.02
2000-	8.70	7.90	8.02	7.33	3.43	6.73	5.55	6.33	6.75	7.51	6.83
2100-	7.50	9.26	10.12	9.22	9.17	10.27	9.64	9.70	10.03	10.21	9.51
2200-	9.96	10.45	10.08	10.69	10.70	7.42	6.36	6.89	6.69	5.93	8.52
2300-	5.86	6.08	5.79	4.05	4.49	4.22	2.79	2.48	1.92	2.80	4.05

* Kiln Speed less than or equal to 20 RPH : 12
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 227

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	5.18	5.39
Std Deviation	2.315	2.179
Variance	5.361	4.748
Number	239	227

EMISSIONS FOR 05146

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.96	6.13	4.89	5.69	5.79	5.11	5.02	4.85	5.21	5.52
0100-	5.70	5.74	5.97	6.02	6.91	7.18	6.78	8.10	10.50	9.21	7.21
0200-	7.26	9.37	8.70	8.52	7.79	7.24	6.75	6.84	7.12	7.07	7.67
0300-	6.94	6.65	6.71	7.08	7.24	7.05	7.30	6.71	7.22	8.70	7.16
0400-	8.09	9.18	8.99	8.86	10.56	8.51	7.02	8.03	8.09	9.06	8.64
0500-	7.80	7.42	5.54	7.47	7.44	8.51	6.83	6.27	7.32	7.57	7.22
0600-	7.84	7.01	7.04	7.54	7.90	8.08	8.87	9.49	9.07	7.82	8.07
0700-	6.27	7.12	7.36	5.69	7.40	5.21	5.83	4.75	4.60	5.25	5.95
0800-	5.62	6.32	7.14	6.00	8.32	8.61	6.92	6.63	6.80	7.12	6.95
0900-	7.32	7.18	7.73	7.63	8.03	9.32	7.34	6.72	6.90	6.50	7.47
1000-	6.38	5.95	5.48	6.19	6.50	6.06	5.45	5.47	5.35	4.61	5.74
1100-	5.34	4.28	3.53	2.46	1.98	2.05	2.29	2.13	2.54	3.09	2.97
1200-	3.67	4.51	4.71	5.49	6.21	6.99	6.84	6.64	7.00	9.85	6.19
1300-	8.63	7.11	4.27	3.55	2.80	2.26	2.98	3.73	3.95	4.48	4.38
1400-	5.14	5.53	5.75	6.20	6.89	7.37	7.93	7.35	6.94	7.84	6.69
1500-	7.56	7.49	8.27	7.91	7.00	5.83	5.09	5.30	5.29	5.32	6.51
1600-	5.75	5.66	5.62	6.24	6.70	6.77	6.77	6.48	6.75	6.00	6.27
1700-	6.63	6.52	5.53	6.36	5.52	5.92	5.74	4.56	5.08	4.50	5.63
1800-	4.51	4.27	3.96	3.88	3.45	1.71	3.71	2.48	3.69	1.51	3.32
1900-	4.81	4.93	5.72	6.20	6.22	7.34	6.06	6.29	6.81	6.31	6.07
2000-	6.53	6.27	6.52	6.46	6.67	6.43	5.73	5.85	5.87	5.97	6.23
2100-	5.66	5.43	5.94	6.94	7.39	6.81	7.66	8.02	7.38	7.23	6.85
2200-	7.16	6.54	7.03	6.76	6.87	5.99	6.29	7.07	7.09	7.44	6.82
2300-	8.12	8.37	7.43	8.12	9.56	8.55	7.69	6.67	6.97	5.79	7.73

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====				=====			
NOx in pounds per ton of clinker produced							
=====				=====			
		ALL NON-ZERO DATA				KILN SPEED > 20 rph	
		=====				=====	
		Arithmetic	Weighted			Arithmetic	
		=====				=====	
Average		6.39	6.63			6.39	
Std Deviation		1.651	---			1.651	
Variance		2.725	---			2.725	
Number		239	239			239	
				=====			

EMISSIONS FOR 05145

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.86	6.36	6.34	6.47	7.31	7.73	8.15	7.71	8.12	7.23
0100-	8.23	8.96	9.55	9.44	9.60	9.32	8.75	10.51	9.89	9.24	9.35
0200-	8.92	9.36	8.99	9.12	8.49	8.23	7.66	7.89	7.09	7.08	8.28
0300-	7.72	8.16	8.69	10.46	10.74	9.91	10.43	10.43	9.80	9.64	9.60
0400-	9.17	9.30	7.94	7.91	8.48	8.09	7.62	7.56	7.69	8.06	8.18
0500-	8.02	8.10	8.00	7.68	8.41	8.22	8.08	8.62	9.52	8.66	8.33
0600-	8.98	9.20	8.97	8.25	8.33	8.54	8.69	8.63	8.28	6.47	8.44
0700-	5.94	5.46	5.33	5.65	5.33	5.15	5.48	5.77	5.90	7.23	5.72
0800-	7.89	7.68	7.84	6.96	6.69	8.16	6.87	6.52	6.06	6.72	7.14
0900-	7.13	7.11	6.65	6.75	5.50	5.64	5.30	4.61	5.18	5.36	5.92
1000-	5.62	5.44	5.13	6.39	5.32	6.48	7.63	6.49	6.89	4.77	6.02
1100-	6.44	7.82	5.90	7.15	6.50	6.20	6.39	5.02	5.99	5.36	6.28
1200-	4.90	4.89	4.96	5.08	5.14	5.46	5.73	6.01	6.00	6.91	5.51
1300-	7.01	7.18	6.29	6.26	6.16	4.46	5.22	4.36	5.08	5.46	5.75
1400-	4.87	4.68	5.26	4.45	4.52	4.47	5.57	6.22	6.01	5.30	5.13
1500-	5.95	4.88	3.75	2.38	0.99	0.91	1.09	0.81	1.17	1.55	2.35
1600-	2.53	3.74	4.81	5.77	5.72	6.64	8.31	8.42	8.87	8.33	6.31
1700-	8.85	8.37	7.71	6.76	6.10	6.12	5.72	6.91	8.56	7.78	7.29
1800-	7.87	8.19	7.09	6.96	6.15	5.15	4.99	5.22	6.14	6.40	6.42
1900-	6.63	6.57	6.75	7.13	6.89	7.72	8.88	7.76	6.52	9.78	7.46
2000-	7.15	7.36	7.64	7.66	7.19	7.09	7.89	7.56	8.03	8.33	7.59
2100-	8.00	7.96	7.80	7.86	7.56	7.47	8.05	7.64	7.31	7.47	7.71
2200-	7.37	7.74	7.85	7.75	7.17	7.39	7.10	5.82	7.66	6.52	7.24
2300-	6.33	5.99	6.56	7.28	6.92	8.48	7.13	6.63	5.58	7.03	6.79

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.92	7.00	6.92
Std Deviation	1.765	---	1.765
Variance	3.116	---	3.116
Number	239	239	239

EMISSIONS FOR 05144

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.88	8.91	8.12	7.49	7.04	6.78	6.74	7.14	7.94	7.78
0100-	7.39	7.52	7.95	9.55	9.74	8.88	11.51	11.87	11.86	12.76	9.90
0200-	11.36	11.07	12.13	11.82	11.42	10.49	10.33	9.55	9.15	8.73	10.60
0300-	8.38	8.65	8.04	8.78	8.92	8.78	8.84	9.61	9.72	10.05	8.98
0400-	10.12	9.63	9.88	10.29	9.21	9.57	8.92	8.35	7.81	8.18	9.20
0500-	8.64	7.81	8.54	8.40	8.71	8.69	8.53	8.18	8.68	8.99	8.52
0600-	9.17	9.33	8.95	8.90	9.42	9.49	9.35	8.68	7.60	7.40	8.83
0700-	7.13	6.74	6.78	6.46	6.33	6.05	5.95	6.35	6.94	7.35	6.61
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	1.84	2.69	3.00	4.20	4.61	4.53	4.81	3.67
1100-	6.28	7.95	7.18	8.17	8.48	8.29	9.26	8.98	8.95	9.40	8.29
1200-	9.17	8.79	8.85	8.53	7.54	6.66	6.32	5.94	5.34	5.18	7.23
1300-	4.72	4.63	4.63	4.34	5.15	5.67	5.15	4.88	4.84	5.08	4.91
1400-	4.99	4.57	4.78	4.84	4.76	4.36	4.10	4.33	4.16	4.26	4.51
1500-	4.35	4.38	4.68	4.96	5.12	5.23	5.00	5.60	6.21	7.33	5.29
1600-	7.93	8.60	8.49	8.29	7.83	7.16	6.91	6.69	6.43	6.27	7.46
1700-	5.71	5.22	5.04	4.56	4.63	5.02	4.84	4.77	4.40	5.04	4.92
1800-	4.51	4.71	4.93	4.81	5.57	4.75	4.62	5.44	4.93	4.84	4.91
1900-	5.06	5.29	5.10	5.71	5.43	6.03	7.29	6.52	7.49	7.44	6.14
2000-	7.10	6.36	5.73	5.27	5.73	4.93	3.97	3.38	3.24	2.99	4.87
2100-	3.47	2.43	3.52	4.23	5.13	6.89	6.86	7.88	8.15	8.37	5.69
2200-	9.11	9.96	11.34	12.81	12.37	12.23	12.16	11.34	11.92	12.41	11.57
2300-	12.29	11.65	9.67	8.63	9.22	8.76	7.48	7.60	7.04	6.24	8.86

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 24
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 216

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.26	7.24	7.26
Std Deviation	2.391	---	2.391
Variance	5.718	---	5.718
Number	216	216	216

EMISSIONS FOR 05143

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.71	6.55	5.36	4.57	5.44	6.06	5.75	6.17	7.60	6.02
0100-	6.45	5.37	6.74	7.01	7.16	7.37	6.08	5.46	5.30	4.42	6.14
0200-	4.88	6.06	4.81	4.80	5.16	5.27	6.20	6.42	6.28	5.27	5.51
0300-	5.80	5.48	5.65	6.56	6.20	5.70	7.07	7.76	6.10	7.44	6.38
0400-	6.52	5.41	5.83	5.16	4.41	3.67	3.17	3.49	3.25	2.80	4.37
0500-	1.80	3.35	3.45	4.79	5.61	6.90	7.87	8.20	8.13	7.81	5.79
0600-	8.92	8.87	8.83	8.35	8.78	9.33	8.24	8.89	8.16	8.74	8.71
0700-	8.60	7.45	8.02	7.76	7.09	6.96	(1)	(1)	(1)	(1)	7.65
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	4.31	4.61	4.64	4.75	4.62	4.57	3.89	4.48
1600-	3.80	3.20	2.91	3.22	2.82	2.30	1.81	1.76	2.02	2.50	2.63
1700-	2.99	3.43	3.65	3.30	4.00	4.41	5.25	5.73	8.08	7.37	4.82
1800-	6.82	7.11	6.27	6.94	6.91	5.28	5.38	5.19	3.95	4.28	5.81
1900-	5.14	4.12	4.18	5.23	5.82	5.43	6.12	6.61	6.77	7.99	5.74
2000-	9.12	9.57	9.42	9.10	9.27	9.30	8.34	7.53	6.78	6.94	8.54
2100-	7.58	7.96	6.93	6.95	5.00	5.14	4.95	3.58	3.25	3.01	5.44
2200-	2.18	1.32	1.06	0.82	0.91	0.92	1.10	1.15	1.62	2.34	1.34
2300-	3.18	3.84	7.36	8.42	7.67	9.04	10.34	12.24	11.89	11.51	8.55

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 78
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 162

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.74	5.74	
Std Deviation	2.345	2.345	
Variance	5.498	5.498	
Number	162	162	

EMISSIONS FOR 05142

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.78*	21.04	(4)	14.91
1500-	(4)	(4)	(4)	(4)	*22.92*	17.90*	12.78	2.30	6.43	3.78	11.02
1600-	3.89	4.58	3.42	4.48	4.80	6.29	8.51	7.85	6.91	7.38	5.81
1700-	8.15	10.02	11.27	10.46	8.99	9.83	10.41	7.76	6.56	6.32	8.98
1800-	5.65	5.48	4.78	4.82	5.03	4.67	3.85	3.96	4.64	5.12	4.80
1900-	5.24	5.43	5.49	5.62	5.55	5.81	6.46	6.70	7.42	7.74	6.14
2000-	7.46	6.90	6.62	6.47	6.34	5.88	5.54	5.71	5.52	5.47	6.19
2100-	5.28	5.16	5.22	4.98	4.91	5.10	4.98	5.71	6.24	7.28	5.49
2200-	7.86	7.95	8.68	9.88	9.62	8.87	8.30	8.53	8.96	8.73	8.74
2300-	8.65	8.92	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.79

* Kiln Speed less than or equal to 20 RPH : 4
 (1) No value taken or data not retrievable : 155
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 5
 All other observations : 76

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic Weighted		Arithmetic	
Average	7.19	7.90	6.58
Std Deviation	3.355	---	1.919
Variance	11.257	---	3.683
Number	80	80	76

EMISSIONS FOR 05141

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5.75	5.90	5.39	5.68
1000-	6.66	6.47	5.34	5.45	5.82	6.11	7.53	8.69	9.57	9.17	7.08
1100-	8.61	8.48	8.80	9.13	9.96	10.01	10.02	10.39	9.35	7.35	9.21
1200-	7.72	7.12	7.78	7.75	6.54	7.80	7.26	6.72	6.07	5.51	7.03
1300-	9.30	7.85	6.91	8.57	8.49	8.56	8.16	6.86	6.49	6.63	7.78
1400-	6.44	6.86	5.45	4.05	4.24	4.20	4.72	5.13	5.18	6.35	5.26
1500-	7.19	6.97	7.48	7.32	7.09	6.82	6.88	7.20	7.60	7.77	7.23
1600-	7.81	7.92	7.45	7.23	7.31	7.03	6.76	6.30	6.20	7.38	7.14
1700-	7.70	7.55	6.81	6.82	6.85	7.69	7.67	7.07	7.33	6.22	7.17
1800-	5.27	4.63	4.21	2.68	1.89	1.56	1.40	1.96	3.26	5.09	3.20
1900-	6.09	7.54	8.03	7.15	6.94	7.50	7.83	8.47	9.24	9.74	7.85
2000-	8.96	9.03	10.08	10.12	9.49	11.04	10.71	10.30	7.08	5.50	9.23
2100-	4.48	4.87	4.73	3.99	4.06	3.53	3.36	2.98	2.66	2.37	3.70
2200-	2.22	1.87	1.62	1.45	1.25	1.07	0.99	0.87	0.88	1.00	1.32
2300-	1.05	1.36	1.69	2.01	1.75	2.69	3.29	3.95	5.20	5.79	2.88

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 97
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 143

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.14	6.14	
Std Deviation	2.571	2.571	
Variance	6.612	6.612	
Number	143	143	
=====			

EMISSIONS FOR 05140

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	12.57	12.59	12.16	12.38	11.88	11.16	10.46	9.01	8.12	11.15
0100-	7.83	7.14	6.85	6.68	6.61	7.24	7.47	7.69	7.50	7.46	7.25
0200-	7.39	7.25	7.31	7.27	6.91	6.79	6.49	6.71	6.93	7.14	7.02
0300-	6.69	6.38	5.86	5.40	5.52	5.49	5.42	5.40	5.31	5.10	5.66
0400-	5.07	5.00	4.73	4.47	4.48	4.16	4.32	4.42	4.87	4.73	4.62
0500-	3.13	4.61	3.81	3.67	3.78	3.57	3.46	3.36	3.37	3.24	3.60
0600-	3.45	3.53	3.39	3.31	3.11	2.77	2.53	2.91	3.11	3.52	3.16
0700-	3.63	3.72	4.06	4.30	4.39	4.74	5.10	5.17	4.94	5.12	4.52
0800-	5.36	5.52	6.77	6.80	6.97	6.80	6.19	6.24	5.39	4.64	6.07
0900-	4.81	3.60	3.44	3.18	2.34	2.65	2.21	2.23	2.29	2.15	2.89
1000-	2.84	2.89	3.40	3.72	3.64	5.10	4.05	4.15	4.66	3.88	3.83
1100-	4.19	4.53	3.91	4.55	4.32	4.02	4.41	4.05	4.60	4.25	4.28
1200-	3.37	4.01	3.26	3.67	3.66	3.20	3.75	3.39	3.70	4.00	3.60
1300-	3.57	4.14	3.85	3.41	4.21	3.42	3.60	3.94	3.20	3.96	3.73
1400-	4.02	3.74	4.26	4.35	5.06	5.37	5.67	6.62	7.10	8.59	5.48
1500-	9.39	9.24	9.68	8.23	8.53	9.28	9.49	10.68	10.05	10.21	9.48
1600-	9.54	9.43	9.11	9.02	8.25	8.49	8.82	8.12	8.32	8.04	8.71
1700-	8.28	8.40	8.33	8.36	8.40	9.63	9.51	9.51	9.97	9.70	9.01
1800-	9.85	10.91	11.18	11.52	11.30	10.70	10.42	10.87	10.52	10.47	10.78
1900-	10.11	10.20	9.81	9.57	9.79	9.90	9.93	9.74	9.71	9.74	9.85
2000-	9.75	9.37	9.42	8.86	7.75	7.73	7.76	7.13	7.32	7.30	8.24
2100-	7.73	7.48	8.06	8.62	9.09	8.91	8.61	8.13	8.85	9.44	8.49
2200-	9.50	8.49	8.18	8.62	8.41	8.30	7.66	6.92	6.85	6.55	7.95
2300-	7.10	7.90	8.40	8.97	9.69	8.79	7.30	7.55	8.26	8.25	8.22

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.55	6.55	
Std Deviation	2.620	2.620	
Variance	6.863	6.863	
Number	239	239	

EMISSIONS FOR 05139

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.75	8.38	8.51	8.41	8.07	7.95	8.52	9.00	8.13	8.19
0100-	7.51	6.78	5.70	5.10	4.30	4.60	5.03	5.33	6.12	6.33	5.68
0200-	6.33	6.83	7.06	7.63	8.04	8.05	9.07	9.14	8.58	9.36	8.01
0300-	9.32	10.98	10.59	10.27	9.85	9.32	8.84	9.59	10.19	10.27	9.92
0400-	12.46	9.92	10.16	10.08	11.03	10.27	9.99	9.65	9.69	8.95	10.22
0500-	5.07	6.50	6.80	6.25	5.85	5.93	6.01	6.13	6.55	6.35	6.14
0600-	5.99	5.92	6.05	6.57	7.08	7.37	7.77	8.87	9.59	10.70	7.59
0700-	10.61	9.82	9.28	9.59	9.57	7.80	8.46	8.39	7.69	7.13	8.83
0800-	6.22	6.35	6.58	7.14	7.10	6.81	7.09	7.26	7.59	7.72	6.98
0900-	8.40	9.06	9.71	9.21	9.29	9.29	8.22	8.12	7.68	8.73	8.77
1000-	8.22	6.44	5.53	4.77	4.41	3.71	3.27	2.63	2.51	2.32	4.38
1100-	1.89	1.68	1.13	0.78	0.87	0.91	1.00	0.98	1.23	1.57	1.20
1200-	2.27	2.90	3.82	3.87	4.15	5.06	5.56	6.44	6.49	6.61	4.72
1300-	5.47	4.09	3.65	3.08	2.62	1.70	1.65	1.48	1.43	1.48	2.66
1400-	1.41	1.64	2.23	3.06	3.58	3.87	4.17	4.67	4.87	5.32	3.48
1500-	5.63	5.02	4.54	4.81	5.40	5.81	5.87	6.21	6.87	7.43	5.76
1600-	8.08	8.32	8.41	8.82	8.60	8.32	8.25	7.87	7.94	8.32	8.29
1700-	10.04	9.99	9.32	9.71	8.96	8.58	8.32	8.12	7.61	7.65	8.83
1800-	8.07	8.09	8.95	10.44	10.88	10.06	9.81	8.42	8.01	8.35	9.11
1900-	8.95	8.66	8.51	8.82	8.56	8.78	7.49	8.46	8.09	10.65	8.70
2000-	10.83	10.28	8.87	11.48	12.00	11.85	13.86	14.50	14.29	14.62	12.26
2100-	14.07	13.49	12.75	12.57	12.75	12.84	14.14	12.23	9.91	10.07	12.48
2200-	9.61	9.24	10.06	10.26	9.85	9.28	9.19	9.42	9.02	8.09	9.40
2300-	8.03	9.20	9.17	9.72	9.86	9.45	9.55	9.82	11.02	11.42	9.72

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.55	7.52	7.55
Std Deviation	2.980	---	2.980
Variance	8.882	---	8.882
Number	239	239	239

EMISSIONS FOR 05138

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.29	5.24	5.47	5.55	5.90	5.59	5.31	5.34	5.07	5.42
0100-	4.89	4.67	4.57	4.23	4.06	3.87	3.77	3.97	3.91	3.90	4.18
0200-	3.93	4.28	4.15	3.92	3.99	4.35	4.83	5.04	5.70	6.18	4.64
0300-	6.73	7.46	8.40	9.34	10.23	10.54	10.82	10.21	9.26	9.76	9.28
0400-	8.96	8.39	8.91	8.55	8.47	9.34	9.57	10.01	10.23	9.55	9.20
0500-	5.84	7.96	7.57	7.33	7.46	7.53	7.73	8.09	7.75	8.10	7.54
0600-	8.32	7.68	7.51	7.81	8.12	7.31	6.42	7.09	6.26	6.80	7.33
0700-	6.47	5.62	3.73	4.66	6.28	7.26	7.39	7.58	8.63	8.69	6.63
0800-	8.10	6.67	6.77	6.39	5.13	4.25	4.11	4.25	4.10	4.44	5.42
0900-	4.87	5.32	5.38	5.75	5.71	6.46	6.57	5.84	5.65	5.94	5.75
1000-	6.01	6.10	6.40	6.24	6.02	5.64	5.66	5.30	5.20	5.27	5.78
1100-	5.19	4.96	4.83	4.81	4.67	4.81	5.08	4.94	4.52	4.00	4.78
1200-	3.26	3.11	2.91	3.34	3.02	2.98	2.52	2.26	2.13	2.04	2.76
1300-	1.97	1.64	1.54	1.70	1.88	2.10	2.72	3.40	3.88	4.19	2.50
1400-	4.50	4.97	5.41	5.20	6.81	6.78	7.37	8.96	8.60	9.16	6.78
1500-	9.59	8.42	8.37	7.81	7.50	8.07	7.74	6.22	7.07	6.70	7.75
1600-	5.89	4.81	3.81	2.98	2.77	2.51	1.89	1.94	2.08	2.32	3.10
1700-	3.01	3.90	4.80	5.22	5.75	6.63	8.00	9.32	9.48	9.91	6.60
1800-	9.65	10.30	10.92	10.89	9.51	9.69	9.25	8.66	7.23	6.69	9.28
1900-	7.23	6.57	6.29	6.31	5.60	4.85	4.01	3.44	2.77	2.16	4.92
2000-	2.52	2.78	3.12	3.70	4.55	5.49	5.95	5.87	5.75	5.70	4.54
2100-	5.98	5.84	5.92	6.23	6.37	6.60	6.86	7.12	6.76	6.35	6.40
2200-	5.98	7.58	7.64	7.03	6.57	6.29	5.97	5.83	5.99	5.72	6.46
2300-	5.95	5.47	5.47	5.85	6.89	6.68	6.96	6.84	6.42	6.31	6.28

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.97	5.97	
Std Deviation	2.147	2.147	
Variance	4.611	4.611	
Number	239	239	

EMISSIONS FOR 05137

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.82	3.77	4.04	4.30	5.08	5.59	5.95	6.94	7.93	5.27
0100-	8.07	8.47	7.51	6.59	7.08	7.07	7.02	7.02	6.53	5.65	7.10
0200-	5.79	6.03	6.01	5.60	5.17	4.91	4.43	4.35	4.29	4.51	5.11
0300-	4.84	5.00	4.84	4.94	4.65	4.89	5.16	5.28	5.30	5.57	5.05
0400-	5.74	6.60	7.72	8.68	9.37	9.00	9.19	9.40	9.08	8.68	8.34
0500-	5.09	7.49	8.21	7.84	7.71	7.06	6.33	6.54	6.18	5.94	6.84
0600-	5.59	5.05	5.05	4.89	4.74	5.25	5.09	5.53	5.06	4.74	5.10
0700-	4.67	4.71	4.80	4.96	5.34	6.21	5.95	5.91	5.95	6.19	5.47
0800-	6.66	7.05	7.37	7.04	6.85	6.77	6.54	6.30	6.03	5.98	6.66
0900-	5.63	5.67	5.62	5.21	4.97	4.18	3.72	3.14	2.38	1.90	4.24
1000-	1.27	0.98	0.84	0.67	0.44	0.56	0.38	0.47	0.48	0.61	0.67
1100-	0.82	1.04	0.89	1.05	1.40	1.59	1.91	1.98	1.84	2.48	1.50
1200-	2.40	2.37	4.69	5.12	5.57	6.64	7.66	8.35	8.97	9.06	6.08
1300-	9.04	8.77	8.21	8.32	8.21	7.90	7.92	7.32	6.04	4.53	7.62
1400-	2.67	1.48	1.16	0.90	0.83	0.82	0.97	1.00	1.10	1.35	1.23
1500-	2.05	2.67	3.31	4.76	6.12	5.42	3.17	5.18	5.75	6.91	4.53
1600-	8.24	7.10	7.57	9.81	11.64	11.62	10.87	11.31	13.09	12.92	10.42
1700-	12.56	10.43	9.99	10.08	10.09	9.37	9.00	8.05	8.42	7.11	9.51
1800-	7.19	6.29	5.37	5.03	4.88	5.21	5.20	4.72	3.81	3.28	5.10
1900-	3.13	3.12	3.03	3.66	4.63	5.75	6.51	7.68	8.61	9.02	5.51
2000-	8.71	9.65	9.61	10.66	11.25	12.00	12.17	13.08	13.59	13.91	11.46
2100-	13.15	12.22	12.54	12.46	12.71	12.83	11.99	11.22	11.52	10.68	12.13
2200-	10.13	9.30	8.51	7.69	6.70	5.73	5.48	5.03	4.96	4.94	6.85
2300-	5.01	5.06	5.21	5.34	5.70	5.37	5.47	5.57	5.67	5.70	5.41

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.14	6.14	
Std Deviation	3.097	3.097	
Variance	9.592	9.592	
Number	239	239	

EMISSIONS FOR 05136

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.63	10.56	10.39	10.06	9.68	7.99	7.43	6.52	5.74	8.78
0100-	5.10	4.98	4.34	3.87	3.85	3.77	4.06	4.80	5.25	5.41	4.54
0200-	5.45	6.25	7.06	6.45	5.10	5.05	4.96	4.40	4.11	4.07	5.29
0300-	4.00	4.04	4.12	4.19	4.41	4.25	4.47	4.18	4.30	4.17	4.21
0400-	4.15	4.22	4.35	4.53	4.88	4.88	4.81	4.94	5.08	5.15	4.70
0500-	3.39	4.89	4.16	4.04	4.04	3.55	3.41	3.34	3.21	3.14	3.72
0600-	2.85	2.67	2.29	1.83	1.43	1.20	1.18	1.27	1.50	1.81	1.80
0700-	2.10	2.81	3.89	5.26	7.29	8.47	9.73	11.13	10.55	10.88	7.21
0800-	10.76	10.43	10.67	9.89	9.82	9.98	9.71	9.52	8.69	8.17	9.77
0900-	8.12	7.93	7.98	8.19	8.34	8.16	8.31	8.01	7.71	7.43	8.02
1000-	7.64	8.09	8.14	8.34	8.37	8.35	8.35	7.04	6.82	5.82	7.70
1100-	5.17	4.30	3.83	3.51	3.91	3.90	4.10	4.16	4.13	4.30	4.13
1200-	4.28	4.30	4.32	4.13	4.28	4.09	4.24	4.25	4.22	4.03	4.21
1300-	3.88	3.60	3.56	3.28	2.97	2.86	2.80	2.62	2.42	2.22	3.02
1400-	2.04	1.82	1.69	1.60	1.46	1.37	1.39	1.46	1.50	1.58	1.59
1500-	1.65	1.79	2.30	2.68	2.90	3.80	4.07	4.24	5.83	7.38	3.66
1600-	7.48	8.58	8.13	8.25	8.70	8.74	9.09	10.20	10.44	8.78	8.84
1700-	7.53	6.07	5.33	5.71	6.92	7.18	7.57	7.95	7.92	7.26	6.94
1800-	6.58	6.66	5.80	5.40	7.75	7.78	10.41	11.59	10.90	8.68	8.15
1900-	6.12	4.87	5.01	5.86	6.82	8.31	8.26	9.79	9.75	8.98	7.38
2000-	8.76	8.47	10.25	9.83	9.31	8.64	8.82	9.20	9.20	8.67	9.12
2100-	8.31	9.49	9.93	8.95	8.39	8.32	8.04	7.32	6.97	7.07	8.28
2200-	6.45	6.29	6.16	5.73	5.34	5.01	4.63	4.40	4.09	3.65	5.18
2300-	3.36	2.92	2.72	2.86	3.05	3.13	3.36	3.89	4.40	4.68	3.44

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	5.81	5.71	5.81
Std Deviation	2.665	---	2.665
Variance	7.102	---	7.102
Number	239	239	239
=====			

EMISSIONS FOR 05135

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	4.80	2.04	1.21	1.28	1.19	1.16	1.52	2.04	1.91
1100-	2.92	4.11	4.98	6.23	7.83	8.02	7.40	7.38	6.70	7.30	6.29
1200-	7.10	7.65	8.35	9.37	9.23	9.93	9.92	10.11	10.46	11.61	9.37
1300-	12.30	11.18	10.21	10.48	10.72	10.31	12.13	14.16	10.57	12.01	11.41
1400-	13.91	12.41	14.35	16.59	18.82	19.31	18.50	20.15	20.52	20.18	17.48
1500-	19.93	19.79	19.76	20.09	17.67	15.95	12.76	9.78	8.09	6.82	15.06
1600-	6.10	5.62	4.88	4.29	4.12	3.96	4.03	4.17	4.58	4.69	4.64
1700-	4.82	5.80	5.57	5.14	5.22	5.41	5.46	5.97	5.89	5.74	5.50
1800-	5.66	5.05	5.84	6.02	5.83	5.61	6.08	6.46	6.92	6.85	6.03
1900-	6.76	7.04	7.14	7.07	6.69	6.22	5.84	5.37	5.10	4.63	6.19
2000-	4.38	4.19	4.12	4.11	4.26	4.37	4.17	4.41	4.62	4.97	4.36
2100-	5.33	5.62	5.66	5.99	6.13	5.92	6.26	6.54	6.70	6.90	6.10
2200-	7.90	7.09	7.97	8.29	8.47	8.81	7.62	8.55	9.07	10.41	8.42
2300-	10.76	10.68	10.62	10.13	10.23	11.06	11.02	10.87	11.25	11.13	10.77

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 102
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 138

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.20	8.20	
Std Deviation	4.498	4.498	
Variance	20.232	20.232	
Number	138	138	

EMISSIONS FOR 05134

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.95	6.27	6.55	7.43	7.39	8.83	10.76	12.18	12.41	8.64
0100-	13.12	13.28	12.87	12.21	12.74	12.45	12.65	12.43	12.84	12.42	12.70
0200-	12.03	11.93	11.06	10.85	10.71	10.29	9.38	8.69	8.35	7.49	10.08
0300-	6.98	7.36	6.79	7.50	7.96	8.52	8.94	8.70	8.30	8.33	7.94
0400-	8.54	8.51	9.10	9.54	10.62	11.28	12.04	12.14	12.22	11.68	10.57
0500-	11.29	10.60	10.72	10.56	10.88	10.72	10.88	10.62	9.99	9.93	10.62
0600-	9.93	10.38	10.49	10.76	11.07	11.09	10.62	9.97	9.59	8.49	10.24
0700-	7.88	6.84	6.14	5.89	5.77	5.24	5.01	5.11	4.94	4.89	5.77
0800-	4.68	4.76	4.80	4.67	4.60	4.62	4.52	4.50	4.33	4.35	4.58
0900-	4.29	4.05	3.92	3.77	3.39	3.04	2.94	2.91	2.85	2.93	3.41
1000-	2.98	3.22	3.68	3.91	4.11	4.04	4.27	4.29	4.13	4.05	3.87
1100-	3.69	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.69
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 130
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 110

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.99	7.99	
Std Deviation	3.232	3.232	
Variance	10.448	10.448	
Number	110	110	

EMISSIONS FOR 05133

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.97	2.50	2.12	2.40	2.34	2.48	2.66	3.06	3.55	2.68
0100-	3.91	4.01	4.94	5.63	6.42	6.92	7.12	7.12	7.04	7.29	6.04
0200-	7.19	6.82	6.61	7.11	7.12	6.68	6.68	6.52	5.68	5.46	6.59
0300-	5.04	4.12	3.13	2.51	2.24	1.89	1.61	1.35	1.17	1.06	2.41
0400-	1.00	0.97	1.10	0.96	0.86	0.93	1.09	0.99	0.92	0.94	0.97
0500-	0.89	1.04	1.18	1.50	1.80	2.00	2.53	2.86	3.07	3.13	2.00
0600-	3.39	3.53	3.99	3.89	3.63	3.64	3.92	3.63	3.67	3.71	3.70
0700-	4.08	4.45	4.36	4.58	4.45	4.45	4.23	4.12	4.11	3.85	4.27
0800-	3.18	2.89	2.93	2.79	2.98	3.15	3.54	3.82	3.91	4.37	3.36
0900-	4.40	4.97	5.37	5.92	6.50	6.94	7.33	7.86	8.77	9.45	6.75
1000-	9.98	9.95	9.74	9.65	8.65	8.20	7.64	6.70	5.72	4.82	8.10
1100-	4.53	4.05	3.97	3.69	3.68	3.64	3.59	3.57	3.50	3.17	3.74
1200-	3.09	2.82	2.58	2.31	2.23	2.21	2.29	2.44	2.91	3.20	2.61
1300-	3.58	4.19	4.16	4.33	4.45	4.40	4.49	3.95	4.17	3.71	4.14
1400-	3.01	2.55	2.07	1.58	1.30	1.31	1.22	1.15	1.14	1.18	1.65
1500-	1.16	2.69	1.44	1.51	1.64	2.08	2.36	2.93	3.00	3.05	2.18
1600-	3.20	3.52	4.01	4.61	4.87	5.11	5.32	5.89	6.70	6.76	5.00
1700-	7.04	7.31	7.75	8.03	8.27	8.49	8.91	9.14	8.65	8.43	8.20
1800-	8.29	7.61	6.81	5.81	5.56	5.30	5.49	6.17	6.29	6.41	6.37
1900-	6.39	7.49	7.06	7.96	8.46	9.31	10.31	11.09	12.14	11.73	9.19
2000-	11.23	12.22	13.11	12.95	12.68	11.79	10.94	10.24	8.90	7.28	11.13
2100-	6.97	7.35	7.75	8.14	8.62	8.34	6.80	6.18	6.11	6.16	7.24
2200-	6.59	7.57	9.12	10.60	10.59	10.42	11.50	11.69	11.55	11.37	10.10
2300-	11.00	10.76	9.39	8.15	8.03	7.88	7.04	6.60	6.67	6.80	8.23

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.29	5.29	
Std Deviation	3.033	3.033	
Variance	9.199	9.199	
Number	239	239	

EMISSIONS FOR 05132

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	1.47	2.21	3.44	4.30	2.85
0300-	5.28	5.06	5.54	5.81	5.96	6.11	5.37	4.81	4.41	3.82	5.22
0400-	3.33	2.79	2.42	1.87	1.39	1.20	0.97	0.87	0.73	0.75	1.63
0500-	0.77	0.75	0.62	0.49	0.48	0.65	0.93	0.91	0.93	1.24	0.78
0600-	1.41	1.53	1.88	2.38	3.18	4.06	4.84	5.68	7.43	7.44	3.98
0700-	7.94	8.44	8.06	8.22	9.57	11.02	12.21	12.42	13.21	14.05	10.51
0800-	14.09	13.79	13.37	13.02	13.42	12.91	11.74	11.52	11.36	11.27	12.65
0900-	11.31	10.72	10.33	10.04	8.22	7.10	6.19	5.17	3.88	3.04	7.60
1000-	2.41	2.30	2.27	2.31	2.34	2.55	2.54	2.73	3.21	3.39	2.60
1100-	3.68	3.52	3.41	3.36	3.41	3.36	3.69	3.99	4.27	4.56	3.72
1200-	4.82	4.86	4.94	4.83	4.85	4.66	4.76	4.54	4.34	4.28	4.69
1300-	4.22	4.29	4.66	3.90	4.08	4.04	3.79	3.42	3.11	2.73	3.82
1400-	2.40	2.22	2.31	2.33	3.02	4.22	4.53	4.39	4.42	4.85	3.47
1500-	3.83	3.53	4.37	4.41	4.47	4.72	4.81	4.49	4.95	5.09	4.47
1600-	5.20	5.66	5.70	5.76	5.31	4.24	3.98	3.77	3.55	3.55	4.67
1700-	3.69	3.34	3.25	2.53	2.26	1.94	1.92	1.86	1.47	1.66	2.39
1800-	2.19	2.47	2.67	3.23	3.76	4.34	4.93	5.87	6.22	5.70	4.14
1900-	5.61	5.70	6.06	6.52	6.41	6.27	5.96	5.66	5.32	4.96	5.85
2000-	4.19	3.59	3.27	2.87	2.63	2.42	2.46	2.37	2.22	2.18	2.82
2100-	(1)	(1)	(1)	(1)	(1)	(1)	3.00	3.39	3.66	3.73	3.45
2200-	3.98	3.96	4.67	4.93	5.88	6.34	7.16	8.36	8.77	8.89	6.29
2300-	8.69	8.33	7.73	7.61	7.57	7.33	7.30	6.77	5.54	4.78	7.17

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 32
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 208

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.86	4.79	4.86
Std Deviation	3.033	---	3.033
Variance	9.197	---	9.197
Number	208	208	208

EMISSIONS FOR 05131

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.49	5.58	5.49	5.50	5.45	5.35	5.66	5.67	6.05	5.58
0100-	6.05	6.54	6.73	6.60	6.45	6.51	6.32	5.89	5.57	5.58	6.22
0200-	5.53	5.52	5.99	6.31	5.61	5.08	5.22	4.59	4.06	3.90	5.18
0300-	3.61	3.52	3.46	3.47	3.37	3.42	3.75	4.05	4.60	4.75	3.80
0400-	5.01	5.31	5.20	5.10	5.34	5.40	5.29	5.46	5.41	5.59	5.31
0500-	5.51	5.58	5.22	5.26	5.25	4.95	4.86	4.60	4.38	4.07	4.97
0600-	3.80	3.78	3.87	4.07	4.19	4.27	4.35	4.22	4.34	4.63	4.15
0700-	4.67	4.91	5.03	5.23	5.53	5.90	5.93	6.06	5.98	6.29	5.55
0800-	6.23	6.34	6.39	6.48	6.77	6.70	6.34	5.73	5.55	5.36	6.19
0900-	5.23	5.55	5.82	5.39	4.99	5.03	4.96	4.88	4.73	5.30	5.19
1000-	5.11	5.02	5.05	5.41	5.13	5.38	5.73	5.48	6.42	6.66	5.54
1100-	6.71	7.65	7.78	7.64	7.41	6.77	6.96	7.14	6.63	5.81	7.05
1200-	6.02	5.80	5.53	5.38	5.40	5.68	5.52	5.73	5.57	5.75	5.64
1300-	5.56	5.63	5.64	5.74	5.34	5.37	4.96	4.08	3.91	3.68	4.99
1400-	3.64	3.34	3.58	3.60	4.00	3.88	3.88	4.19	4.29	4.53	3.89
1500-	4.65	3.81	5.03	5.73	4.75	4.60	4.21	4.10	3.95	3.80	4.46
1600-	3.99	3.69	4.01	3.63	3.45	3.36	3.14	3.25	3.09	3.21	3.48
1700-	3.28	3.45	3.47	3.61	3.42	3.20	3.51	3.77	3.21	3.35	3.43
1800-	3.00	2.88	2.61	2.48	2.46	2.33	2.23	2.28	1.91	1.90	2.41
1900-	1.67	1.77	1.85	1.85	2.07	1.91	2.45	2.51	3.04	3.75	2.29
2000-	3.99	4.58	4.55	4.56	4.69	4.68	4.66	4.95	5.21	5.85	4.77
2100-	6.34	6.24	6.14	6.03	5.65	5.39	3.76	2.56	1.51	1.01	4.46
2200-	0.94	0.92	0.78	0.81	0.79	0.60	0.44	0.58	0.74	0.86	0.75
2300-	0.99	1.04	1.30	1.66	3.47	4.00	3.96	4.00	3.95	3.40	2.78

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.50	4.50	
Std Deviation	1.568	1.568	
Variance	2.457	2.457	
Number	239	239	

EMISSIONS FOR 05130

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.21	1.21	1.34	1.57	1.67	2.29	2.62	3.20	3.82	2.10
0100-	4.21	3.90	4.08	3.45	3.32	2.47	2.25	1.76	1.57	1.61	2.86
0200-	1.37	1.48	1.50	1.74	2.11	1.69	1.80	1.60	1.29	1.17	1.57
0300-	1.16	1.27	1.27	1.44	1.34	1.29	1.24	1.17	1.12	1.14	1.25
0400-	1.15	1.30	1.28	1.41	1.47	1.28	1.21	1.19	1.15	1.14	1.26
0500-	1.23	1.29	1.22	1.35	1.33	1.43	1.50	1.49	1.54	1.84	1.42
0600-	2.33	3.17	3.93	4.64	5.20	6.74	6.97	7.81	8.73	8.97	5.85
0700-	9.36	9.90	10.01	10.58	11.05	11.59	10.83	10.67	10.34	9.44	10.38
0800-	8.08	6.53	5.51	4.41	3.58	3.07	2.59	2.48	2.25	1.97	4.05
0900-	1.75	1.64	1.67	1.59	1.54	1.45	1.34	1.26	1.17	1.15	1.46
1000-	1.21	1.20	1.23	1.27	1.42	1.65	1.75	2.07	2.74	3.20	1.77
1100-	3.64	4.70	5.12	5.31	5.78	5.38	5.32	5.58	5.91	5.47	5.22
1200-	5.33	5.43	5.35	5.52	6.21	5.49	5.21	4.84	4.59	4.52	5.25
1300-	4.21	4.40	4.63	5.26	5.83	4.65	4.61	4.66	4.03	3.76	4.60
1400-	3.71	3.71	3.41	3.36	3.47	3.47	3.40	3.21	2.81	2.35	3.29
1500-	1.88	2.71	1.53	1.53	1.49	1.56	1.75	1.94	2.04	2.03	1.85
1600-	1.96	1.96	2.17	2.66	3.31	4.37	5.07	6.17	6.54	6.45	4.07
1700-	7.13	7.89	8.45	8.70	8.93	9.89	9.79	9.92	9.71	8.40	8.88
1800-	7.61	8.08	7.67	7.62	7.41	7.17	6.66	7.09	7.45	6.37	7.31
1900-	6.01	5.40	5.05	4.18	4.41	3.92	3.87	3.44	3.47	4.02	4.38
2000-	4.32	4.78	4.94	4.30	4.30	4.56	4.30	4.38	4.18	4.38	4.44
2100-	4.51	4.88	5.67	5.60	5.28	5.28	5.00	5.40	5.56	5.26	5.24
2200-	5.05	5.16	5.02	4.63	4.45	4.52	4.95	4.85	5.12	4.91	4.87
2300-	5.60	5.51	5.78	5.84	6.03	5.81	5.93	5.47	5.34	5.40	5.67

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.13	4.06	4.13
Std Deviation	2.543	---	2.543
Variance	6.466	---	6.466
Number	239	239	239

EMISSIONS FOR 05129

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	11.78	12.64	13.54	13.58	13.53	13.81	13.72	13.34	13.30	13.25
0100-	12.65	11.97	12.03	11.95	12.01	10.35	8.55	6.20	4.68	3.54	9.39
0200-	3.05	2.74	2.44	2.22	1.94	1.84	1.76	2.00	2.15	2.25	2.24
0300-	2.72	3.39	3.25	3.45	3.22	2.67	2.48	2.05	1.97	1.59	2.68
0400-	1.28	1.00	0.87	0.74	0.67	0.70	0.88	0.89	0.47	1.14	0.87
0500-	0.73	0.56	0.71	0.66	0.93	1.14	1.63	1.86	2.34	2.57	1.31
0600-	2.60	2.65	2.90	3.14	2.92	3.10	3.71	3.77	4.30	4.44	3.35
0700-	4.02	4.02	4.55	4.36	5.81	6.20	5.39	6.49	7.29	7.65	5.58
0800-	6.75	7.00	6.69	6.54	6.01	5.64	5.88	5.78	4.95	4.70	5.99
0900-	5.04	4.93	4.74	4.33	4.57	5.18	5.34	5.49	5.22	5.16	5.00
1000-	5.29	5.41	5.46	5.38	5.17	5.26	5.48	5.74	5.47	5.66	5.43
1100-	6.28	6.80	6.78	8.00	8.47	8.94	9.70	8.72	9.13	9.03	8.19
1200-	8.80	8.54	7.98	7.99	7.11	7.64	7.20	6.70	7.39	6.78	7.61
1300-	6.56	6.15	4.67	3.59	3.07	2.96	2.96	2.76	2.83	3.23	3.88
1400-	3.72	3.71	3.80	3.60	3.33	3.23	2.95	2.89	2.95	3.23	3.34
1500-	3.01	3.35	3.56	4.23	4.68	5.20	5.21	5.40	5.11	5.26	4.50
1600-	5.54	6.08	6.36	6.05	6.37	7.20	7.56	8.43	8.43	10.00	7.20
1700-	11.02	12.12	12.93	12.58	13.05	13.13	12.34	11.28	9.98	8.64	11.71
1800-	6.72	5.32	4.55	3.80	3.28	3.00	3.13	3.43	3.91	4.06	4.12
1900-	4.17	4.07	3.83	3.95	3.80	3.65	4.00	3.93	4.09	3.85	3.93
2000-	3.75	3.73	3.36	3.19	2.94	2.67	2.18	1.94	1.90	1.99	2.76
2100-	2.00	1.87	1.75	1.72	1.66	1.93	2.09	2.42	2.70	3.16	2.13
2200-	3.67	3.82	3.84	3.84	3.62	3.36	2.78	2.56	2.33	2.14	3.20
2300-	2.03	1.92	1.65	1.44	1.46	1.38	1.40	1.23	1.30	1.18	1.50

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.93	4.93	
Std Deviation	3.275	3.275	
Variance	10.724	10.724	
Number	239	239	

EMISSIONS FOR 05128

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*23.94	3.89	13.91
1000-	5.99	7.65	7.23	3.37	3.38	4.52	5.73	7.17	3.68	5.92	5.46
1100-	5.53	6.33	6.54	6.28	6.71	6.50	6.36	7.15	6.73	8.21	6.63
1200-	6.67	7.03	6.65	5.91	6.29	4.79	3.87	3.48	2.88	1.66	4.92
1300-	1.94	1.86	1.49	1.95	0.65	1.04	0.38	0.42	(1)	(1)	1.22
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	2.18	(1)	(1)	7.79	4.15	4.26	4.04	4.91	4.56
1800-	4.17	3.54	4.09	4.07	4.25	4.19	4.12	3.42	3.92	4.05	3.98
1900-	3.75	3.47	1.65	1.89	1.69	1.22	0.95	1.03	1.01	1.06	1.77
2000-	0.93	0.93	0.87	0.85	0.87	0.85	0.82	0.21	0.22	0.19	0.67
2100-	0.20	0.25	0.34	0.54	0.81	1.08	0.94	1.02	1.20	1.27	0.76
2200-	1.34	1.51	1.59	1.71	1.29	1.73	4.08	8.57	9.59	8.73	4.02
2300-	7.36	8.47	14.91	16.89	17.22	15.37	11.43	10.58	9.26	8.46	11.99

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 134
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 105

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.41	4.22	
Std Deviation	4.116	3.660	
Variance	16.938	13.398	
Number	106	105	

EMISSIONS FOR 05127

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.26	2.29	2.39	2.56	2.76	3.08	3.35	3.62	3.78	2.90
0100-	3.82	3.55	3.44	3.24	3.10	2.69	2.34	2.00	1.80	1.63	2.76
0200-	1.79	1.79	1.95	2.16	2.49	2.91	3.22	3.42	3.82	4.01	2.76
0300-	4.09	4.27	4.23	4.29	4.19	4.16	4.11	4.05	4.00	3.72	4.11
0400-	3.50	3.41	3.28	3.17	3.25	3.11	3.09	3.08	3.13	3.25	3.23
0500-	3.28	3.23	3.31	3.30	3.23	3.07	2.92	2.87	2.61	2.36	3.02
0600-	2.31	2.11	1.92	1.89	1.74	1.65	1.58	1.59	(1)	(1)	1.85
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 173
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 67

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	2.98	2.98	
Std Deviation	0.790	0.790	
Variance	0.624	0.624	
Number	67	67	

EMISSIONS FOR 05126

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.65	2.73	2.78	2.32	2.14	2.32	2.46	2.65	2.73	2.53
0100-	2.88	2.99	3.09	3.18	3.29	3.37	3.59	3.81	4.21	4.56	3.50
0200-	4.41	5.08	5.53	6.10	6.78	7.59	7.82	8.20	9.07	10.27	7.09
0300-	10.67	11.10	11.34	12.32	12.26	12.35	12.72	13.16	12.96	12.56	12.14
0400-	11.83	11.44	11.25	10.83	10.42	11.36	10.79	10.29	9.33	8.30	10.58
0500-	8.02	7.04	6.09	5.35	4.93	4.35	4.04	3.90	3.64	3.47	5.08
0600-	3.41	3.49	3.80	3.49	3.34	3.31	3.31	3.56	3.63	3.77	3.51
0700-	3.99	4.19	3.90	3.89	3.92	3.98	4.31	4.49	4.61	3.62	4.09
0800-	5.23	5.82	6.00	6.23	6.37	6.62	6.47	6.50	7.29	7.50	6.40
0900-	8.57	8.78	9.39	9.85	10.41	10.53	11.37	11.33	10.55	10.82	10.16
1000-	10.85	9.92	10.10	9.84	9.44	9.04	8.58	8.28	7.68	7.37	9.11
1100-	6.36	6.02	5.64	5.44	5.20	4.98	4.61	4.39	4.16	4.04	5.08
1200-	4.12	4.29	4.15	4.23	3.83	3.60	3.75	4.10	3.81	3.49	3.94
1300-	3.60	3.35	3.16	2.92	2.65	2.59	2.50	2.38	2.28	2.41	2.78
1400-	2.44	2.50	2.48	2.45	2.34	2.44	2.47	2.43	2.51	2.43	2.45
1500-	2.50	2.51	2.54	2.66	2.44	2.38	2.27	2.18	2.03	1.92	2.34
1600-	1.78	2.00	1.93	2.04	2.04	1.88	1.93	1.77	1.72	1.74	1.88
1700-	1.70	1.74	1.87	1.82	1.91	1.96	1.96	2.11	2.12	2.39	1.96
1800-	2.58	2.80	3.09	3.23	3.27	3.53	3.51	3.61	3.66	3.52	3.28
1900-	3.48	3.27	3.20	3.09	3.02	3.20	3.26	3.00	3.05	3.09	3.17
2000-	3.14	3.18	3.17	3.17	3.40	3.29	3.45	3.19	3.22	3.20	3.24
2100-	2.96	3.07	3.08	2.86	2.89	2.91	2.79	2.87	2.83	2.84	2.91
2200-	2.96	2.97	3.14	3.30	3.44	3.28	3.41	3.33	3.14	3.07	3.20
2300-	2.88	2.68	2.52	2.36	2.14	1.98	2.04	1.98	2.12	2.17	2.29

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.71	4.61	4.71
Std Deviation	3.003	---	3.003
Variance	9.017	---	9.017
Number	239	239	239

EMISSIONS FOR 05125

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.03	5.43	5.46	5.05	4.53	3.37	3.04	2.78	2.46	4.24
0100-	2.16	2.11	2.42	2.65	2.97	2.92	2.99	3.26	3.50	4.06	2.90
0200-	4.93	5.48	5.60	5.71	6.45	7.11	8.06	8.37	8.94	8.62	6.93
0300-	8.74	8.52	8.74	9.00	9.03	9.13	8.57	8.24	8.30	7.96	8.62
0400-	7.19	6.72	6.30	5.95	5.43	4.90	4.28	3.77	3.66	3.56	5.18
0500-	3.47	3.26	2.76	2.62	2.51	2.80	2.71	2.65	2.99	2.96	2.87
0600-	3.36	3.54	3.66	3.63	3.63	5.34	5.98	5.77	6.76	7.67	4.93
0700-	7.55	7.83	8.71	9.60	10.41	11.16	10.56	10.35	10.77	5.79	9.27
0800-	9.94	9.88	9.53	9.49	9.52	9.54	9.56	9.89	9.03	8.89	9.53
0900-	8.90	7.38	7.78	8.00	7.13	6.21	5.37	5.07	4.94	4.41	6.52
1000-	4.18	4.17	4.09	4.27	4.62	4.96	4.62	4.68	4.90	5.34	4.58
1100-	5.81	6.17	6.33	6.26	6.46	6.29	6.66	7.73	9.19	9.00	6.99
1200-	9.06	10.30	10.00	8.56	9.97	8.48	8.01	8.67	7.48	7.49	8.80
1300-	7.07	6.24	6.00	5.33	4.76	4.30	3.63	3.65	3.35	3.15	4.75
1400-	2.81	2.42	2.18	2.18	2.27	2.21	2.14	2.09	2.00	1.85	2.22
1500-	1.76	1.83	2.20	2.50	2.86	3.13	3.23	3.50	3.62	4.08	2.87
1600-	4.45	5.04	5.71	6.04	6.95	7.52	6.82	9.01	10.69	9.76	7.20
1700-	9.65	7.07	5.77	5.98	4.57	4.12	4.33	3.65	2.96	2.82	5.09
1800-	2.45	2.53	2.94	3.07	2.86	2.76	2.72	2.99	2.91	2.98	2.82
1900-	3.11	3.17	3.42	3.28	3.36	3.35	3.28	3.15	3.07	2.93	3.21
2000-	2.97	3.16	2.76	2.47	2.18	2.12	2.13	2.24	2.28	2.12	2.44
2100-	2.02	2.46	2.70	2.95	3.32	3.57	3.68	3.70	3.69	3.80	3.19
2200-	4.31	4.93	5.47	5.97	6.11	6.38	6.60	7.35	7.94	8.97	6.40
2300-	8.59	9.17	8.66	8.43	8.43	7.68	7.60	6.62	5.00	3.89	7.41

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.38	5.38	
Std Deviation	2.556	2.556	
Variance	6.533	6.533	
Number	239	239	

EMISSIONS FOR 05124

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.07	4.01	3.73	3.17	2.86	3.05	3.12	2.91	2.58	3.28
0100-	2.43	2.29	2.04	1.90	1.91	1.66	1.41	1.38	1.24	1.24	1.75
0200-	1.45	1.55	1.92	2.18	2.65	3.39	4.01	4.32	4.43	4.01	2.99
0300-	3.24	3.19	3.79	5.03	5.85	6.29	6.92	7.01	7.76	7.96	5.70
0400-	8.14	8.16	7.82	8.99	9.18	9.40	9.63	9.58	8.82	8.73	8.84
0500-	8.25	7.55	7.10	7.08	6.35	5.60	5.04	2.96	2.32	2.19	5.44
0600-	2.50	2.17	2.40	2.31	2.04	1.95	2.14	1.84	1.73	1.49	2.06
0700-	1.34	1.16	1.13	1.13	1.03	1.06	1.42	1.49	1.68	2.05	1.35
0800-	2.84	3.07	3.47	3.77	4.10	4.77	5.54	5.79	6.56	6.90	4.68
0900-	6.95	7.08	7.04	7.09	6.66	6.94	7.03	6.72	5.71	4.70	6.59
1000-	4.28	3.81	2.84	2.43	2.14	2.10	2.15	2.04	1.98	1.95	2.57
1100-	2.05	2.24	2.26	2.49	2.79	3.06	3.22	3.53	4.00	4.19	2.98
1200-	4.60	4.90	5.33	6.08	6.56	7.41	8.41	8.35	9.06	8.35	6.91
1300-	8.91	9.70	10.55	11.00	10.25	9.41	9.03	8.52	8.08	7.65	9.31
1400-	7.19	7.07	7.11	6.92	6.32	6.48	5.83	5.86	5.98	5.73	6.45
1500-	5.64	5.45	5.79	6.40	6.29	6.10	6.05	5.88	6.07	4.89	5.86
1600-	4.67	4.53	3.68	3.25	2.86	2.27	1.93	2.13	1.88	1.61	2.88
1700-	1.82	2.39	2.74	3.01	3.36	3.40	2.88	2.49	2.67	3.03	2.78
1800-	3.30	3.43	3.23	3.41	3.34	3.32	3.47	3.50	4.11	4.44	3.56
1900-	4.92	4.65	4.66	4.71	5.01	5.08	5.11	5.40	5.17	5.12	4.98
2000-	3.82	3.39	3.26	3.18	2.82	2.48	2.33	2.41	2.47	2.47	2.86
2100-	2.51	2.43	2.52	2.48	2.47	2.37	2.40	2.30	2.42	2.43	2.43
2200-	2.58	2.70	2.75	2.61	2.80	3.06	3.47	3.88	4.46	5.12	3.34
2300-	5.61	6.00	6.81	6.81	7.66	8.36	8.64	8.16	7.55	7.00	7.26

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.46	4.46	
Std Deviation	2.393	2.393	
Variance	5.728	5.728	
Number	239	239	

EMISSIONS FOR 05123

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	0.80	0.66*	3.74	(1)	(1)	(1)	0.46	0.49	0.41	1.09
1400-	0.36	0.40	0.35	0.31	0.30	0.35	0.62	0.73	0.88	1.35	0.57
1500-	2.67	3.20	4.07	3.63	3.66	3.31	2.88	2.54	2.78	1.91	3.07
1600-	2.22	1.51	1.64	2.16	2.01	2.09	2.25	2.29	2.45	2.60	2.12
1700-	2.81	3.27	3.47	3.49	2.77	1.88	1.19	1.17	1.40*	2.24	2.37
1800-*	2.53*	2.95	(1)	(1)	(1)	(1)	(1)	* 3.05	7.30	18.98	6.96
1900-	5.06	4.72	4.14	5.08	6.43	6.88	8.44	10.04	11.59	11.31	7.37
2000-	12.02	12.13	12.47	13.39	13.68	14.48	12.62	12.12	11.97	10.87	12.57
2100-	10.78	10.72	9.49	9.45	10.83	11.64	12.04	12.16	10.39	9.67	10.72
2200-	10.08	9.80	9.07	8.45	7.78	7.85	8.26	6.99	6.73	6.62	8.16
2300-	5.85	5.72	6.29	6.59	6.80	5.86	4.45	3.46	3.87	4.20	5.31

* Kiln Speed less than or equal to 20 RPH : 5
 (1) No value taken or data not retrievable : 139
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 96

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.58	5.72	
Std Deviation	4.305	4.370	
Variance	18.533	19.096	
Number	101	96	

EMISSIONS FOR 05122

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05121

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05120

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05119

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.45	10.42	12.02	12.25	10.82	9.67	9.25	9.41	9.27	10.40
0100-	8.20	8.24	6.55	6.23	7.43	6.58	8.31	6.91	5.86	4.98	6.93
0200-	4.97	5.22	4.66	4.26	4.43	4.10	4.20	5.07	5.38	6.12	4.84
0300-	5.60	5.28	5.54	5.06	5.18	5.35	5.55	5.37	5.36	4.53	5.28
0400-	5.43	5.71	4.55	4.45	4.20	3.41	3.64	3.08	3.25	3.10	4.08
0500-	4.52	5.39	4.34	4.60	4.10	3.93	4.29	4.69	4.90	5.62	4.64
0600-	6.24	6.72	8.20	7.79	8.00	5.14	8.42	7.84	8.90	8.24	7.55
0700-	6.32	6.39	6.82	4.78	3.67	3.02	2.47	2.57	2.43	2.42	4.09
0800-	2.78	2.76	2.94	2.77	3.08	3.37	3.60	2.49	3.87	4.07	3.17
0900-	4.27	4.86	4.83	4.72	5.19	6.35	6.73	7.83	8.97	9.08	6.28
1000-	10.07	9.65	9.87	8.36	8.56	7.90	6.01	4.93	4.86	4.21	7.44
1100-	3.52	2.85	2.63	2.22	1.56	1.34	1.28	1.35	1.38	1.53	1.97
1200-	1.80	2.22	2.66	2.62	1.92	1.22	3.24	3.80	5.46	6.07	3.10
1300-	6.99	7.35	7.46	8.33	8.73	8.86	9.30	9.56	7.12	0.18	7.39
1400-	3.81	11.61	10.86	11.89	8.37	5.35	10.70	10.15	9.22	9.31	9.13
1500-	9.38	8.72	8.96	8.24	6.89	7.07	7.85	8.58	9.33	9.00	8.40
1600-	8.45	8.28	8.29	7.47	7.33	7.13	6.00	6.63	7.82	6.93	7.43
1700-	7.20	6.98	6.86	6.98	7.11	7.32	6.87	6.63	6.80	7.07	6.98
1800-	7.84	6.30	5.39	6.20	10.20	14.01	38.32	34.51	18.69	13.41	15.49
1900-	*29.03*	9.24*	1.99*	0.58*	0.36*	0.24*	0.22*	0.26*	0.09*	0.06	4.21
2000-	*0.38*	1.09*	0.11*	0.91*	0.69*	0.96	(1)	(1)	*0.05*	0.13	0.54
2100-	(1)	*0.29*	0.08*	0.18*	0.50*	0.61*	0.74*	0.13*	0.28*	0.63	0.38
2200-	*0.73	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.73
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 34
 (1) No value taken or data not retrievable : 23
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 183

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.93	6.05	
Std Deviation	4.662	2.568	
Variance	21.736	6.597	
Number	217	183	

EMISSIONS FOR 05118

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.53	2.00	2.02	2.29	2.27	2.48	2.70	2.20	2.32	2.31
0100-	2.14	2.28	2.55	2.59	3.08	3.02	5.88	6.89	7.16	7.75	4.34
0200-	7.50	8.55	9.12	8.20	7.09	6.36	8.33	9.14	10.75	13.09	8.81
0300-	13.64	10.66	9.33	8.15	9.80	10.60	9.33	7.92	7.09	6.64	9.32
0400-	6.11	6.62	5.45	4.74	4.34	4.58	4.30	4.04	4.52	5.47	5.02
0500-	5.36	6.56	7.91	10.05	13.86	14.40	11.58	11.46	11.05	12.12	10.44
0600-	12.48	12.54	12.05	11.66	13.09	7.25	8.74	11.54	13.68	15.09	11.81
0700-	19.89	19.95	18.79	20.35	20.47	18.34	16.92	16.91	15.25	15.11	18.20
0800-	15.09	13.75	10.62	11.88	12.54	15.46	14.30	13.71	13.27	12.74	13.34
0900-	12.80	12.34	12.27	11.00	13.45	13.95	13.35	12.52	11.40	12.47	12.56
1000-	13.22	12.12	8.94	7.85	7.66	6.83	7.20	7.53	(1)	(1)	8.92
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 133
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 107

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	9.63	9.63	
Std Deviation	4.715	4.715	
Variance	22.227	22.227	
Number	107	107	

EMISSIONS FOR 05117

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.15	0.14	0.14
0400-	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
0500-	0.15	0.20	0.19	0.21	0.11	0.18	0.18	0.21	0.57	0.20	0.22
0600-	0.17	0.51	0.17	0.19	0.20	0.32	0.27	0.22	0.22	0.22	0.25
0700-	0.23	0.24	0.24	0.24	0.25	0.24	0.25	0.24	0.26	0.26	0.24
0800-	0.28	0.28	0.28	0.28	0.28	0.27	0.25	0.27	0.43	0.79	0.34
0900-	0.66	0.58	0.49*	1.52	(1)	(1)	(1)	(1)	0.88	0.96	0.85
1000-	0.87	0.70	0.76	0.84	0.89	0.93	0.90	0.82	0.56	0.59	0.79
1100-	0.81	1.00	1.75	2.28	3.13	2.81	2.71	2.65	2.60	1.88	2.16
1200-	2.13	2.68	5.28	6.01	4.59	4.13	3.46*27.04	(1)	*42.95		10.92
1300-	1.44	1.45	17.55	(1)	(1)	5.33	3.47	5.22	7.48	6.51	6.05
1400-	6.76	8.21	7.85	10.02	11.12	10.79	8.61	7.36	7.57	9.05	8.73
1500-	10.33	9.86	10.04	9.44	11.86	12.48	11.83	11.85	10.79	9.58	10.81
1600-	11.67	11.67	9.67	10.80	10.33	9.28	6.54	8.76	7.80	5.93	9.25
1700-	4.05	3.14	2.33	2.35	3.12	3.72	2.39	2.06	2.46	2.15	2.78
1800-	2.21	3.27	3.46	2.78	3.21	3.67	3.56	3.34	3.62	4.52	3.36
1900-	4.90	4.30	3.74	3.87	3.50	3.16	2.23	2.24	1.61	2.19	3.18
2000-	2.61	2.91	3.70	3.61	3.25	5.35	4.05	4.30	4.58	4.27	3.86
2100-	5.61	7.65	4.36	3.57	3.56	4.12	5.53	5.89	6.38	7.27	5.39
2200-	7.58	8.29	9.09	11.50	12.15	11.73	11.52	10.95	9.89	9.11	10.18
2300-	11.78	11.89	6.68	3.47	2.20	1.87	1.72	1.93	2.28	3.11	4.69

* Kiln Speed less than or equal to 20 RPH : 3
 (1) No value taken or data not retrievable : 45
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 192

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	4.18	4.46
Std Deviation	5.019	---
Variance	25.188	---
Number	195	195

EMISSIONS FOR 05116

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05115

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05114

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05113

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05112

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05111

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05110

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.39	3.61	2.61	1.76	1.76	2.95	2.60	2.05	1.85	2.51
0100-	1.75	1.61	1.19	1.22	1.29	1.48	2.01	2.58	2.63	2.97	1.87
0200-	3.38	3.50	4.11	4.24	3.87	3.72	2.69	1.47	(4)	(4)	3.37
0300-	(4)	(4)	(4)	75.16	13.17	36.78	13.74	29.79	7.84	5.11	25.94
0400-	9.30	7.83	3.58	7.67	10.22	8.41	4.51	6.30	9.97	7.60	7.54
0500-	7.10	9.12	10.27	12.71	9.88	4.72	3.59	11.56	4.71	4.51	7.82
0600-	10.26	17.15	9.73	13.26	10.79	9.96	8.25	14.55	11.13	17.98	12.31
0700-	12.44	17.77	12.44	16.88	14.86	11.15	9.29	13.65	4.27	4.27	11.70
0800-	7.68	4.22	2.53	3.38	7.80	4.88	1.95	2.93	0.98	1.96	3.83
0900-	3.08	3.46	6.54	14.27	(4)	(1)	1.03	1.29	1.29	0.97	3.99
1000-	0.97	0.77	0.77	0.97	0.97	1.18	1.18	0.94	0.94	0.94	0.96
1100-	0.94	0.94	0.94	1.20	1.20	1.20	1.50	1.50	1.50	1.50	1.24
1200-	1.50	1.50	1.50	2.06	2.06	2.06	2.06	2.06	2.06	2.06	1.89
1300-	2.06	2.06	2.07	1.65	2.07	2.07	2.07	2.07	2.07	2.07	2.03
1400-	2.07	13.24	23.17	15.76	8.60	(1)	3.49	3.49	3.49	3.49	8.53
1500-	6.55	6.55	3.93	9.28	12.38	12.38	9.28	18.58	24.77	18.58	12.23
1600-	*24.77	*24.77	*24.77	(1)	(1)	(1)	(1)	(1)	(1)	(1)	24.77
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 8
 (1) No value taken or data not retrievable : 80
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 6
 All other observations : 146

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.81	-1.86	5.90
Std Deviation	8.587	---	7.674
Variance	73.731	---	58.897
Number	154	154	146

EMISSIONS FOR 05109

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	0.90	0.86	0.85	0.99	1.01	1.01	1.10	1.24	1.17	1.02
0100-	1.25	1.43	1.48	1.60	2.03	2.30	2.63	2.72	2.61	2.44	2.05
0200-	1.51	1.81	2.00	1.45	1.51	1.59	1.21	1.30	1.18	1.08	1.46
0300-	1.07	1.07	1.04	1.14	1.10	1.04	0.91	1.71	0.99	0.88	1.09
0400-	0.82	0.76	0.69	0.74	0.81	0.86	0.99	1.23	1.20	1.20	0.93
0500-	1.22	1.68	1.81	1.91	2.13	2.11	2.31	2.65	2.42	2.17	2.04
0600-	2.05	2.18	2.57	1.88	1.78	1.64	1.42	1.34	1.16	1.16	1.72
0700-	1.14	0.97	0.93	1.01	0.97	0.99	1.06	1.09	1.05	1.19	1.04
0800-	1.17	1.22	1.17	1.16	1.29	1.22	1.14	1.29	1.26	1.23	1.22
0900-	1.26	1.19	1.19	1.16	1.10	1.11	1.02	0.96	1.02	0.85	1.09
1000-	0.89	0.83	0.90	0.85	0.82	0.87	0.76	0.67	0.68	0.64	0.79
1100-	0.56	0.59	0.58	0.69	1.00	1.17	1.27	1.68	2.39	2.92	1.29
1200-	4.16	5.20	3.69	3.87	3.49	3.88	4.28	4.65	4.54	4.52	4.23
1300-	3.88	3.54	3.30	2.87	3.67	3.76	3.93	4.64	4.60	5.12	3.93
1400-	4.54	4.62	5.17	4.88	4.60	5.22	5.02	4.96	5.12	4.69	4.88
1500-	5.14	4.75	4.93	6.06	5.51	4.83	5.68	5.30	5.03	5.56	5.28
1600-	5.35	5.50	6.48	6.85	6.09	6.17	6.96	5.78	6.11	6.78	6.21
1700-	6.09	7.15	6.31	6.18	7.27	7.00	6.73	4.96	5.70	8.25	6.56
1800-	7.91	3.83	2.90	3.26	3.19	1.92	1.90	2.07	2.49	2.57	3.20
1900-	2.64	3.31	3.36	3.81	3.85	3.76	3.47	3.25	3.30	3.13	3.39
2000-	1.56*	7.18*	3.98*	2.52*	1.45*	4.85*	2.41*	7.41*	8.53*	51.09	9.10
2100-	*44.15*	39.12*	6.62*	3.74*	6.06*	30.98*	44.78*	57.54*	48.64*	10.92	29.26
2200-	*10.91*	42.75	1.39	1.03	0.84	0.98	0.97	1.07	1.36	1.38	6.27
2300-	1.61	1.84	2.60	3.30	4.24	5.16	4.65	3.81	4.34	3.91	3.55

* Kiln Speed less than or equal to 20 RPH : 21
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 218

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.25	2.59	2.66
Std Deviation	7.976	---	1.901
Variance	63.614	---	3.613
Number	239	239	218

EMISSIONS FOR 05108

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.74	7.17	6.15	5.91	4.83	6.86	4.96	4.67	5.20	5.94
0100-	4.64	3.26	4.76	5.20	3.80	4.22	2.83	3.81	3.36	2.91	3.88
0200-	3.57	3.14	3.08	3.40	2.90	3.24	2.98	3.19	3.69	3.07	3.23
0300-	3.49	3.68	3.11	3.78	4.09	3.44	2.34	4.19	4.09	5.36	3.76
0400-	4.58	3.63	5.52	3.75	4.79	5.82	5.38	6.31	5.23	5.62	5.06
0500-	6.58	6.28	6.37	4.88	4.09	5.25	4.27	5.74	6.48	4.76	5.47
0600-	5.22	4.20	4.15	5.34	3.28	2.68	4.50	4.98	4.36	3.90	4.26
0700-	3.43	5.33	4.49	4.93	5.67	3.41	4.91	3.23	4.16	4.35	4.39
0800-	4.48	3.50	3.98	3.20	4.14	4.27	3.28	4.48	3.35	4.10	3.88
0900-	4.81	3.69	4.10	3.25	4.07	4.56	4.48	3.43	4.13	2.88	3.94
1000-	4.33	4.72	3.27	3.48	3.26	3.01	3.34	3.82	3.56	3.55	3.63
1100-	3.72	3.09	3.93	4.17	3.43	3.21	3.06	2.28	2.82	2.50	3.22
1200-	2.08	2.44	2.30	2.49	2.62	2.47	2.82	3.59	3.46	2.98	2.72
1300-	3.32	3.18	3.19	3.64	3.24	2.75	3.07	3.50	3.37	2.75	3.20
1400-	2.88	2.70	2.32	2.81	2.77	2.01	2.57	2.52	2.19	2.63	2.54
1500-	2.81	3.02	2.95	3.08	3.21	2.91	3.20	3.41	2.78	3.08	3.04
1600-	2.99	2.04	3.66	3.01	1.86	2.65	2.26	1.96	2.46	2.07	2.50
1700-	2.10	2.08	1.65	1.91	1.84	1.46	1.72	1.62	1.89	2.02	1.83
1800-	2.22	2.73	3.26	3.61	3.72	4.01	3.87	5.23	5.47	3.32	3.74
1900-	3.09	3.02	3.19	2.66	3.01	2.58	2.12	2.45	2.06	2.01	2.62
2000-	1.87	1.81	1.79	1.60	1.33	1.15	1.05	0.97	0.93	0.97	1.35
2100-	1.04	1.10	1.23	1.59	2.17	2.59	2.88	3.33	5.65	3.31	2.49
2200-	2.85	2.64	2.71	2.54	2.56	3.14	2.93	2.31	2.62	2.78	2.71
2300-	2.66	2.45	2.33	2.33	2.08	1.88	1.61	1.62	1.26	1.05	1.93

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	3.38	3.41	3.38
Std Deviation	1.277	---	1.277
Variance	1.632	---	1.632
Number	239	239	239
=====			

EMISSIONS FOR 05107

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.14	2.26	2.28	2.34	2.60	2.79	2.77	3.30	3.23	2.63
0100-	3.21	3.33	2.82	2.96	3.44	2.82	2.97	2.68	2.48	2.80	2.95
0200-	2.40	1.75	1.56	1.62	1.60	1.36	1.37	1.28	1.40	1.90	1.62
0300-	2.36	2.53	3.44	3.85	3.95	3.76	2.53	3.88	4.20	4.13	3.46
0400-	4.67	4.72	4.35	3.58	3.77	4.41	3.94	4.56	4.05	3.37	4.14
0500-	3.44	3.61	3.19	3.11	3.05	2.84	3.13	3.18	2.87	3.02	3.14
0600-	3.18	2.97	3.00	2.95	2.72	2.87	2.90	2.90	2.81	2.86	2.92
0700-	2.80	2.64	2.55	2.67	2.78	2.77	2.71	2.80	2.74	2.57	2.70
0800-	2.65	2.53	2.48	2.36	2.52	2.61	2.65	2.56	1.88	2.34	2.46
0900-	1.94	1.72	2.12	2.35	2.39	2.14	2.19	2.41	2.05	1.94	2.13
1000-	2.28	1.83	1.76	1.60	1.41	1.76	1.78	2.14	2.37	2.80	1.97
1100-	3.31	4.23	4.59	3.64	3.59	5.12	7.32	6.89	5.91	5.61	5.02
1200-	6.07	6.53	5.68	4.32	5.40	6.79	6.21	6.95	5.14	4.93	5.80
1300-	4.80	4.43	3.96	5.51	5.12	5.73	5.36	4.21	4.06	4.03	4.72
1400-	3.45	3.12	2.91	2.95	2.66	2.64	2.73	2.66	2.84	2.96	2.89
1500-	2.73	2.82	2.84	2.65	2.64	2.77	2.52	2.86	2.81	2.67	2.73
1600-	2.79	2.81	2.73	3.08	3.02	2.94	3.18	3.12	2.76	3.16	2.96
1700-	2.72	2.45	2.52	2.16	2.16	1.97	1.79	1.92	1.96	2.06	2.17
1800-	2.15	2.40	2.83	2.75	2.85	3.27	3.02	3.00	2.94	2.99	2.82
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 51
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 189

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	3.12	3.18	3.12
Std Deviation	1.167	---	1.167
Variance	1.361	---	1.361
Number	189	189	189
=====			

EMISSIONS FOR 05106

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.42	3.87	5.50	5.62	5.41	4.72	4.78	4.14	4.07	4.61
0100-	3.92	3.70	3.70	4.00	3.97	4.34	4.59	4.21	4.11	4.19	4.07
0200-	4.71	4.77	4.81	3.83	4.04	5.76	5.33	5.79	5.13	5.09	4.93
0300-	5.13	5.18	5.74	5.65	4.69	5.05	3.84	3.68	4.11	3.31	4.64
0400-	3.24	3.19	2.61	2.75	2.72	3.04	3.60	3.48	3.71	3.61	3.20
0500-	4.08	3.52	3.50	4.20	4.17	4.55	5.11	5.30	5.38	5.05	4.49
0600-	5.27	5.27	5.06	5.36	6.64	6.21	5.88	5.56	4.81	5.34	5.54
0700-	5.82	4.22	5.60	5.40	4.94	5.25	5.11	5.84	6.08	5.36	5.36
0800-	5.32	5.00	5.10	6.07	6.56	5.76	5.98	6.90	5.98	6.43	5.91
0900-	6.05	6.72	5.61	4.68	4.70	3.89	3.97	3.56	3.79	3.45	4.64
1000-	4.53	5.20	5.17	4.11	3.83	4.19	3.97	3.60	3.11	3.00	4.07
1100-	2.86	2.68	2.92	3.44	3.93	4.64	4.97	4.62	3.88	5.44	3.94
1200-	7.09	4.98	4.95	5.63	3.59	5.16	6.05	7.00	7.03	7.40	5.89
1300-	7.21	6.22	6.38	6.16	6.55	7.33	7.29	7.44	6.81	5.94	6.73
1400-	6.46	6.02	6.31	6.62	4.16	5.94	4.67	3.94	5.23	3.69	5.30
1500-	5.20	6.00	5.04	3.89	5.02	4.31	3.50	3.68	3.23	3.53	4.34
1600-	3.57	3.38	3.59	3.60	3.36	2.85	3.15	2.91	2.75	2.71	3.18
1700-	2.87	2.25	2.99	2.80	2.70	2.36	2.91	2.79	3.13	2.97	2.78
1800-	3.08	3.49	2.92	3.12	3.36	3.00	3.41	3.23	2.98	3.38	3.20
1900-	3.29	3.42	3.56	4.83	4.23	3.64	3.33	3.32	3.10	3.32	3.60
2000-	3.03	3.26	3.18	2.00	2.10	1.98	1.92	1.96	1.95	2.25	2.36
2100-	2.45	2.84	2.88	3.37	3.22	3.26	3.22	3.38	3.29	3.44	3.14
2200-	3.61	3.87	3.30	3.60	3.51	3.26	3.43	2.99	3.15	3.44	3.42
2300-	3.21	2.81	2.82	2.74	2.80	2.75	2.34	2.09	2.21	1.98	2.57

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.24	4.30	4.24
Std Deviation	1.315	---	1.315
Variance	1.728	---	1.728
Number	239	239	239
=====			

EMISSIONS FOR 05105

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.49	4.39	4.44
1100-	4.41	4.80	4.45	4.74	4.96	4.82	5.07	4.96	4.63	4.72	4.76
1200-	4.60	4.55	4.50	4.97	5.42	5.51	5.30	4.66	4.78	(1)	4.92
1300-	(1)	(1)	(1)	(1)	4.37	3.57	4.48	4.48	4.26	4.42	4.26
1400-	4.46	4.19	4.61	4.72	4.52	4.35	4.26	4.14	3.99	3.89	4.31
1500-	4.05	3.38	3.56	3.34	3.30	3.02	2.92	2.69	2.61	2.30	3.12
1600-	2.08	2.00	1.81	1.92	2.11	2.33	2.85	3.36	4.18	5.18	2.78
1700-	5.76	5.48	5.78	6.63	6.59	6.89	7.17	8.50	6.01	8.04	6.69
1800-	8.31	6.11	6.03	6.51	5.38	4.38	3.65	3.09	3.78	4.67	5.19
1900-	6.16	4.83	4.22	4.46	4.15	4.65	4.50	4.44	4.95	4.45	4.68
2000-	4.97	4.92	4.96	5.47	5.74	5.32	4.96	5.42	4.90	4.56	5.12
2100-	6.31	6.51	4.13	4.07	3.40	3.45	4.13	4.55	3.91	3.27	4.37
2200-	2.92	2.50	3.07	2.91	3.68	4.25	3.50	3.89	3.64	3.48	3.38
2300-	4.39	3.32	4.93	4.08	3.34	3.47	3.17	3.92	4.58	4.07	3.93

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 113
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 127

=====			=====		
NOx in pounds per ton of clinker produced					
=====			=====		
ALL NON-ZERO DATA			KILN SPEED > 20 rph		
=====			=====		
Arithmetic	Weighted		Arithmetic		
=====	=====		=====		
Average	4.43	4.49	4.43		
Std Deviation	1.240	---	1.240		
Variance	1.538	---	1.538		
Number	127	127	127		
=====			=====		

EMISSIONS FOR 05104

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.41	3.46	3.83	3.84	3.47	2.91	3.09	2.68	2.91	3.29
0100-	3.27	3.08	3.93	4.19	4.72	5.69	4.26	5.28	4.47	4.96	4.38
0200-	5.56	4.76	6.16	5.91	5.33	6.04	5.27	4.78	4.37	3.85	5.21
0300-	3.75	2.91	1.92	1.45	1.34	1.49	1.45	3.04	2.82	4.05	2.42
0400-	4.26	4.01	4.01	3.69	2.98	3.10	3.03	3.00	3.31	2.89	3.43
0500-	2.26	1.63	1.25	1.14	1.27	1.31	1.29	1.21	1.22	1.06	1.36
0600-	1.07	1.08	1.21	1.51	1.51	1.89	2.38	2.99	4.20	4.68	2.25
0700-	4.87	4.74	5.27	5.39	4.99	5.35	7.63	7.59	7.69	7.60	6.11
0800-	7.38	7.74	7.97	8.07	9.02	9.03	8.78	7.85	7.80	8.43	8.21
0900-	8.34	6.65	5.73	4.97	4.40	4.14	5.82	5.03	3.85	3.86	5.28
1000-	3.82	3.70	4.29	4.93	5.08	4.53	3.95	4.05	4.92	6.07	4.53
1100-	6.79	7.08	6.64	7.34	7.18	7.58	7.57	6.32	6.65	5.85	6.90
1200-	5.40	5.21	4.78	4.67	5.36	4.64	4.06	3.75	3.03	3.04	4.39
1300-	3.71	3.22	3.22	5.30	4.64	4.88	5.54	8.05	3.70	4.74	4.70
1400-	8.02	8.46	8.15	9.38	5.51	6.33	5.88	8.10	7.36	6.08	7.33
1500-	6.24	6.78	6.89	5.95	6.10	6.46	5.17	6.17	6.69	5.46	6.19
1600-	3.78	3.99	4.15	3.95	3.84	4.20	3.13	2.95	3.80	3.67	3.74
1700-	3.18	2.91	3.44	3.37	3.33	3.36	3.73	3.78	3.65	3.64	3.44
1800-	3.52	3.61	3.13	3.41	2.48	1.61	1.41	1.46	1.32	1.13	2.31
1900-	1.09	1.13	1.16	1.32	1.74	2.22	3.76	3.57	3.89	4.07	2.39
2000-	5.52	5.30	5.55	6.70	7.07	6.87	5.39	6.33	6.89	5.79	6.14
2100-	5.05	4.96	4.23	4.07	4.05	4.14	4.29	3.62	4.05	3.25	4.17
2200-	2.30	1.84	1.58	1.90	2.19	2.03	1.98	1.65	3.36	4.85	2.37
2300-	6.03	5.38	5.11	5.26	6.04	6.77	6.92	7.33	6.44	5.61	6.09

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.45	4.45	
Std Deviation	1.990	1.990	
Variance	3.959	3.959	
Number	239	239	

EMISSIONS FOR 05103

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	1.42	1.47	1.49	1.58	1.73	1.54
0700-	2.12	2.72	3.51	4.42	5.28	6.37	6.78	7.12	7.39	11.42	5.71
0800-	11.05	8.92	9.44	11.49	11.98	11.84	11.30	10.15	8.88	5.26	10.03
0900-	6.03	5.30	4.85	3.17	2.60	2.61	2.34	1.90	1.20	1.08	3.11
1000-	0.84	0.83	0.89	0.94	0.98	1.04	1.26	1.82	2.26	2.85	1.37
1100-	3.74	4.59	4.66	5.20	5.31	5.59	6.95	7.41	5.96	6.03	5.54
1200-	5.33	5.69	6.27	6.50	6.60	6.61	6.51	6.50	6.50	5.99	6.25
1300-	5.58	4.80	3.23	3.20	4.07	3.44	3.10	6.12	5.81	4.64	4.40
1400-	4.16	3.49	2.82	2.39	1.94	1.71	1.26	1.38	1.40	1.12	2.17
1500-	1.12	1.21	1.71	2.03	2.41	2.13	2.96	4.29	4.06	4.55	2.65
1600-	5.81	6.37	6.01	6.48	7.24	6.61	5.54	4.74	4.44	3.72	5.70
1700-	4.06	4.60	3.88	3.31	3.57	4.53	5.27	7.15	8.81	7.83	5.30
1800-	7.71	6.68	5.78	5.23	5.26	5.88	4.53	3.99	7.26	6.41	5.87
1900-	4.39	6.28	6.57	7.01	7.27	8.70	8.41	7.24	6.03	6.57	6.85
2000-	5.79	5.80	4.89	4.22	4.67	4.11	3.69	4.09	3.89	3.47	4.46
2100-	3.55	2.86	4.86	4.99	5.25	4.58	4.73	4.44	4.95	4.78	4.50
2200-	4.49	5.92	5.36	5.55	5.64	5.39	6.12	6.40	6.95	8.15	6.00
2300-	6.31	6.31	5.20	6.28	6.06	4.96	5.08	4.75	3.80	4.56	5.33

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 65
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 175

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.91	4.91	
Std Deviation	2.384	2.384	
Variance	5.683	5.683	
Number	175	175	

EMISSIONS FOR 05102

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.80	4.79	4.95	4.98	5.02	5.18	5.14	4.87	4.68	4.94
0100-	4.98	4.70	4.98	5.00	4.93	4.41	4.66	4.50	4.97	4.83	4.80
0200-	4.86	5.03	4.77	4.81	5.08	4.51	4.85	4.71	5.16	5.42	4.92
0300-	4.81	4.95	4.49	4.34	4.27	4.42	3.53	3.81	4.33	4.59	4.35
0400-	4.29	4.22	4.29	4.54	5.20	4.83	4.75	4.60	4.60	4.32	4.57
0500-	4.62	4.88	4.95	4.89	4.54	4.51	4.15	3.93	3.52	3.84	4.38
0600-	4.70	4.79	3.59	4.27	3.81	3.87	3.33	4.18	3.72	4.42	4.07
0700-	3.76	5.21	5.07	2.82	3.52	2.67	2.74	2.71	1.84	2.28	3.26
0800-	1.80	2.18	2.49	2.40	2.82	2.90	3.13	3.37	3.34	3.44	2.79
0900-	3.44	3.20	3.38	2.91	2.49	2.31	2.55	2.85	2.78	3.00	2.89
1000-	2.42	2.74	2.50	2.71	2.80	2.75	2.95	2.89	3.51	3.40	2.87
1100-	3.37	3.09	2.65	2.33	2.08	2.22	2.78	2.66	2.53	2.32	2.60
1200-	2.50	2.41	2.10	2.16	1.93	2.41	2.29	2.48	2.52	3.21	2.40
1300-	3.37	3.73	3.65	3.85	3.77	3.35	3.80	2.79	2.89	2.49	3.37
1400-	2.82	3.16	3.24	2.85	2.90	3.11	2.84	2.88	2.93	2.76	2.95
1500-	2.52	2.56	2.35	2.21	2.19	2.37	2.49	2.46	2.46	2.80	2.44
1600-	2.86	2.75	3.02	3.86	4.29	4.19	5.48	4.85	4.43	4.85	4.06
1700-	4.56	4.79	3.86	3.44	3.29	3.42	2.60	2.81	2.38	2.00	3.32
1800-	1.77	1.93	1.95	1.73	1.70	1.79	1.91	1.72	1.90	2.25	1.86
1900-	2.54	3.05	3.77	4.45	5.88	7.21	8.15	7.49	7.06	7.22	5.68
2000-	9.71	8.87	10.54	7.76	9.13	7.35	10.91	10.80	7.17	6.88	8.91
2100-	5.02	4.74	4.86	5.36	5.12	5.06	4.28	3.86	3.66	3.24	4.52
2200-	4.31	4.33	4.54	4.58	5.00	5.99	6.17	6.14	6.42	7.64	5.51
2300-	7.85	7.73	6.38	5.47	4.70	4.15	3.57	3.44	3.93	4.52	5.17

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.02	4.09	4.02
Std Deviation	1.668	---	1.668
Variance	2.783	---	2.783
Number	239	239	239

EMISSIONS FOR 05101

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.34	5.21	5.21	5.14	5.32	5.44	6.35	5.39	4.96	5.37
0100-	4.83	4.94	4.65	5.04	5.47	5.44	5.12	4.55	4.07	4.95	4.91
0200-	6.24	5.35	5.01	5.02	4.54	4.10	3.67	4.03	5.14	5.58	4.87
0300-	5.15	5.04	4.70	4.80	4.22	4.14	3.29	4.14	4.48	4.76	4.47
0400-	4.21	4.27	4.26	5.10	5.44	4.81	4.51	4.44	3.79	3.91	4.47
0500-	4.16	3.29	3.23	3.19	3.07	3.23	3.27	3.61	3.35	3.52	3.39
0600-	3.15	2.92	3.19	3.46	3.52	3.80	3.72	3.44	3.30	3.25	3.38
0700-	3.27	3.62	3.96	3.58	3.38	3.32	3.19	3.20	3.16	2.55	3.32
0800-	3.14	3.42	3.00	2.29	2.56	4.97	3.59	3.15	2.65	2.39	3.12
0900-	2.55	2.57	2.26	1.75	1.52	1.38	1.24	1.22	1.28	1.42	1.72
1000-	1.43	1.95	2.39	2.50	2.37	2.75	3.05	3.46	3.80	4.10	2.78
1100-	4.03	4.44	4.34	4.28	4.17	4.13	4.17	3.69	2.37	2.88	3.85
1200-	4.73	4.23	3.96	3.01	2.93	2.71	3.14	2.77	3.03	3.00	3.35
1300-	2.71	2.92	3.35	3.03	3.52	3.41	3.70	4.29	3.64	5.75	3.63
1400-	4.63	3.64	3.48	4.53	5.33	3.78	3.52	3.55	3.04	3.63	3.91
1500-	4.38	4.19	3.31	3.07	2.65	3.12	2.14	1.80	1.36	1.13	2.72
1600-	1.05	1.12	1.14	1.24	1.23	1.39	1.65	2.16	2.88	2.93	1.68
1700-	3.57	4.23	4.63	4.35	4.07	3.95	3.45	3.79	4.62	4.68	4.13
1800-	6.54	5.91	5.08	4.72	3.86	4.36	4.67	4.64	4.56	4.40	4.87
1900-	4.94	5.87	6.67	7.24	6.87	6.15	5.89	6.47	5.78	5.42	6.13
2000-	5.27	5.05	5.57	5.98	6.31	6.35	5.95	6.12	6.32	5.65	5.86
2100-	5.89	6.87	6.30	6.47	6.29	6.09	6.23	5.94	6.05	5.28	6.14
2200-	5.43	5.74	5.35	6.42	5.72	5.33	5.74	5.41	5.46	5.34	5.59
2300-	5.16	5.53	6.13	6.26	5.96	6.05	6.34	5.81	5.36	5.11	5.77

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	4.14	4.21	4.14
Std Deviation	1.405	---	1.405
Variance	1.975	---	1.975
Number	239	239	239
=====			

EMISSIONS FOR 05100

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	1.66	2.40	3.38	3.56	4.17	4.68	4.77	3.52	3.52
1800-	3.28	7.05	8.57	7.95	7.46	6.50	6.65	7.57	8.61	7.70	7.13
1900-	7.04	6.99	6.78	7.28	7.43	7.23	6.91	6.14	5.64	5.33	6.68
2000-	6.48	6.87	5.96	5.78	5.68	5.43	5.66	5.20	5.26	5.11	5.74
2100-	4.82	5.03	4.82	5.15	5.37	5.17	5.53	6.37	6.43	5.75	5.45
2200-	5.42	4.49	5.01	5.54	5.96	6.14	5.95	6.47	6.05	5.93	5.70
2300-	6.08	6.37	5.80	5.38	5.54	5.96	6.11	(1)	(1)	(1)	5.89

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 175
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 65

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	5.79	5.79
Std Deviation	1.324	1.324
Variance	1.752	1.752
Number	65	65

EMISSIONS FOR 05099

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	6.92	6.99	6.81	6.70	4.89	3.98	3.57	5.69
1100-	3.33	3.04	3.39	3.49	3.51	3.32	3.75	3.86	3.27	3.93	3.49
1200-	3.41	3.38	4.51	3.69	3.25	3.33	3.05	2.85	2.55	2.24	3.23
1300-	2.08	1.97	1.84	1.76	1.73	1.85	1.91	2.19	2.66	2.87	2.09
1400-	3.01	3.55	3.87	4.10	5.43	5.50	4.81	4.45	4.53	4.55	4.38
1500-	4.40	5.70	4.90	4.44	4.51	4.35	3.98	3.16	2.74	2.87	4.11
1600-	3.26	3.37	3.41	3.34	4.07	4.68	5.22	5.45	6.75	7.04	4.66
1700-	7.68	8.00	8.17	7.83	8.37	7.40	9.25	9.91	11.36	9.91	8.79
1800-	9.14	7.81	7.73	7.68	7.88	7.85	8.50	8.01	8.59	8.76	8.19
1900-	8.34	10.17	10.36	8.98	9.40	9.13	8.19	8.14	8.03	8.08	8.88
2000-	8.46	8.39	7.95	7.65	7.52	7.13	7.21	8.06	8.21	7.60	7.82
2100-	8.10	7.94	8.52	8.27	7.40	9.65	8.67	7.53	7.10	9.90	8.31
2200-	10.39	8.92	8.51	7.91	8.44	8.36	10.12	8.97	10.26	9.32	9.12
2300-	8.52	9.09	9.63	9.61	10.10	8.00	9.74	9.15	9.11	9.78	9.27

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 103
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 137

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.30	6.30	
Std Deviation	2.651	2.651	
Variance	7.030	7.030	
Number	137	137	

EMISSIONS FOR 05098

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.89	4.82	4.63	4.49	4.90	4.61	5.62	5.72	6.21	5.10
0100-	5.14	4.67	5.21	5.98	5.83	5.77	5.99	5.79	5.22	5.34	5.49
0200-	4.75	4.48	5.23	5.14	6.52	6.96	6.88	6.61	6.34	6.61	5.95
0300-	6.06	5.87	5.47	6.09	6.27	6.91	7.32	4.08	6.51	6.03	6.06
0400-	5.79	6.07	5.63	5.27	5.86	5.07	4.85	4.36	4.28	3.53	5.07
0500-	3.25	2.54	2.40	2.17	1.95	1.87	1.86	1.89	1.95	2.08	2.20
0600-	2.79	3.41	4.47	5.56	6.51	7.69	8.64	9.98	12.27	13.11	7.44
0700-	12.27	3.73	3.05	3.71	3.02	2.75	6.72	7.69	4.62	4.70	5.23
0800-	5.38	4.45	4.03	4.24	4.11	4.00	3.12	3.13	2.89	2.58	3.79
0900-	2.20	1.99	2.22	2.85	3.49	3.34	3.30	4.02	3.02	(1)	2.94
1000-	5.61	7.14	7.21	7.04	7.33	7.49	8.41	9.57	8.82	9.00	7.76
1100-	8.89	10.16	10.07	7.76	5.55	4.77	3.39	2.82	2.22	1.75	5.74
1200-	1.80	2.03	2.22	1.92	2.28	2.97	3.21	3.56	3.76	4.15	2.79
1300-	3.98	3.83	3.56	3.46	(1)	(1)	(1)	2.59	2.40	2.30	3.16
1400-	2.11	2.12	2.01	2.25	2.42	2.42	1.55	2.33	2.63	3.00	2.29
1500-	3.21	3.01	3.25	3.81	4.10	4.45	4.57	4.59	6.05	6.92	4.40
1600-	5.76	5.32	7.77	7.71	5.42	4.22	3.89	4.08	4.34	4.78	5.33
1700-	5.51	4.84	3.76	4.00	6.22	5.56	5.11	4.88	5.11	5.04	5.00
1800-	4.74	4.80	5.54	6.42	7.21	8.08	9.87	10.65	9.62	8.81	7.57
1900-	8.36	8.51	8.67	7.25	6.20	6.01	6.02	6.09	7.14	7.42	7.17
2000-	7.89	7.46	7.29	11.00	11.68	11.20	9.96	9.37	8.90	8.00	9.28
2100-	7.35	9.93	9.18	8.46	6.80	7.31	8.60	8.45	7.51	7.60	8.12
2200-	6.85	7.14	6.57	5.84	7.53	7.05	6.73	5.86	5.99	4.68	6.42
2300-	4.23	3.93	4.30	3.77	3.70	3.79	3.90	4.51	5.16	5.34	4.26

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 5
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 236

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.39	5.57	5.39
Std Deviation	2.363	---	2.363
Variance	5.586	---	5.586
Number	236	236	236

EMISSIONS FOR 05097

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	5.31	5.93	3.36	4.69	4.35	4.73
0400-	3.88	3.60	3.73	3.48	3.38	3.51	3.49	3.46	3.68	3.61	3.58
0500-	3.49	4.19	5.15	4.80	6.26	4.54	5.95	6.06	4.69	3.72	4.88
0600-	3.34	2.67	2.69	2.91	1.96	1.77	1.62	1.31	1.09	1.31	2.07
0700-	1.28	1.08	1.76	1.64	1.08	1.17	1.25	1.25	1.06	1.22	1.28
0800-	1.05	0.98	0.95	0.87	1.35	1.64	2.53	2.66	2.64	3.14	1.78
0900-	5.25	5.56	7.38	5.87	3.98	3.37	5.86	5.99	5.76	6.59	5.56
1000-	4.71	5.19	4.46	4.04	2.27	2.70	2.29	2.64	1.80	1.77	3.19
1100-	1.71	1.30	1.66	1.68	2.05	2.40	2.77	2.49	4.07	4.27	2.44
1200-	4.34	4.92	3.87	4.07	3.34	2.42	2.31	2.29	1.92	1.67	3.11
1300-	1.83	1.73	1.64	1.48	2.00	2.11	2.16	2.25	2.45	2.85	2.05
1400-	2.92	3.25	3.75	4.10	5.00	5.27	6.53*	8.47*	12.25*	10.21	6.17
1500-*	8.63*	13.69*	62.18	5.07	6.25	5.30	3.29	2.59	5.77	(1)	12.53
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.79	3.82	3.84	3.82
2100-	3.98	4.10	4.04	4.37	4.22	4.23	4.20	4.53	4.24	4.04	4.20
2200-	4.33	4.07	4.07	3.34	3.41	3.35	3.49	3.26	3.46	3.62	3.64
2300-	3.79	4.09	4.49	4.15	4.63	5.16	4.03	4.25	4.15	4.41	4.31

* Kiln Speed less than or equal to 20 RPH : 6
 (1) No value taken or data not retrievable : 83
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 151

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.02	3.41	
Std Deviation	5.067	1.475	
Variance	25.673	2.175	
Number	157	151	

EMISSIONS FOR 05096

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.30	2.14	2.19	2.54
0300-	1.98	1.25	0.64	0.47	0.23	1.02	1.63	1.70	2.46	2.46	1.38
0400-	2.24	2.17	1.92	1.94	1.96	2.05	1.76	1.56	1.68	1.35	1.86
0500-	2.63	2.15	1.38	1.17	1.68	1.53	1.46	2.39	2.53	3.48	2.04
0600-	3.11	2.51	1.60	1.38	1.28	1.39	0.56	1.96	2.72	2.84	1.93
0700-	2.90	3.12	3.41	3.31	4.04	4.67	4.30	4.84	3.47	3.45	3.75
0800-	3.92	1.22	1.16	2.20	1.39	2.11	0.97	0.54	3.13	3.00	1.96
0900-	2.58	2.47	4.25	2.98	3.07	2.98	2.97	2.74	2.67	2.02	2.87
1000-	1.65	1.37	1.11	1.13	1.05	1.46	1.50	1.81	0.98	2.33	1.44
1100-	1.93	1.39	1.56	1.59	0.48	0.85	1.13	1.86	1.34	1.27	1.34
1200-	2.00	4.29	3.03	2.88	2.16	1.66	2.12	2.10	1.94	1.95	2.41
1300-	2.12	2.44	(1)	(1)	1.73	2.11	2.14	1.76	1.56	1.70	1.95
1400-	1.90	1.57	1.23	1.18	1.19	0.88	0.66	0.87	1.02	1.50	1.20
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 119
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 121

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	2.03	2.03	
Std Deviation	0.938	0.938	
Variance	0.880	0.880	
Number	121	121	

EMISSIONS FOR 05095

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	0.25	0.07	0.13	0.11	0.12	(1)	(1)	(1)	(1)	(1)	0.14
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 235
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 5

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.14	-6.65	0.14
Std Deviation	0.066	---	0.066
Variance	0.004	---	0.004
Number	5	5	5

EMISSIONS FOR 05094

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-*	0.61*	0.97*	1.62*	0.93*	0.66*	0.66*	0.88*	1.09*	1.31*	1.25	0.82
1700-*	1.40*	1.00*	1.91*	1.59*	0.95*	1.22*	0.92*	0.61*	0.61*	0.59	1.00
1800-*	0.91*	0.44*	1.75*	1.26*	1.73*	3.33*	2.33*	2.18	(1)	(1)	1.08
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.74
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 30
 (1) No value taken or data not retrievable : 210
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	1.21	-0.17	0.00
Std Deviation	0.633	---	0.000
Variance	0.400	---	0.000
Number	30	30	0

EMISSIONS FOR 05093

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05092

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05091

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05090

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05089

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05088

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05087

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05086

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05085

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05084

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05083

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05082

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05081

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05080

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05079

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05078

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05077

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05076

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05075

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05074

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05073

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05072

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05071

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05070

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	
=====			

EMISSIONS FOR 05069

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05068

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05067

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05066

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05065

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05064

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	0.03	0.05	0.05	0.02	0.03	0.04	0.05	0.02	0.02	0.04
0100-	0.05	0.07	0.04	0.01	0.04	0.04	0.05	0.02	0.02	0.04	0.04
0200-	0.04	0.03	0.02	0.04	0.05	0.03	0.01	0.04	0.05	0.05	0.04
0300-	0.03	0.03	0.05	0.04	0.02	0.02	0.06	0.04	0.04	0.02	0.04
0400-	0.03	0.06	0.05	0.02	0.02	0.08	0.07	0.03	0.04	0.05	0.04
0500-	0.07	0.06	0.02	0.02	0.08	0.09	0.04	0.03	0.04	0.05	0.05
0600-	0.04	0.02	0.02	0.04	0.03	0.02	0.02	0.02	0.04	0.04	0.03
0700-	0.03	0.03	0.04	0.04	0.06	0.02	0.02	0.04	0.02	0.01	0.03
0800-	0.27	(1)	0.04	0.08	2.74	(1)	0.13	0.09	0.27	(1)	0.52
0900-	1.46	0.21	0.57	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.75
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 151
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 89

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	0.10	0.29
Std Deviation	0.328	---
Variance	0.107	---
Number	89	89

EMISSIONS FOR 05063

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.03	(1)	0.03
1400-	0.02	0.02	0.08	0.04	(1)	0.01	0.02	0.02	(1)	(1)	0.03
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 232
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 8

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.03	0.03	0.03
Std Deviation	0.019	---	0.019
Variance	0.000	---	0.000
Number	8	8	8

EMISSIONS FOR 05062

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	* 0.49	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.49
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	* 0.04	(1)	0.04
1300-	(1)	(1)	(1)	* 0.04	(1)	* 0.04	(1)	(1)	(1)	(1)	0.04
1400-	(1)	(1)	* 0.09*	0.06	(1)	(1)	(1)	(1)	(1)	* 0.03	0.06
1500-	* 0.03	(1)	(1)	(1)	(1)	(1)	* 0.04	(1)	(1)	(1)	0.03
1600-	(1)	(1)	* 0.06*	0.06*	0.08*	0.08	(1)	* 0.07*	0.13*	0.06	0.08
1700-	* 0.06	(1)	* 0.12*	0.06*	0.06	(1)	* 0.06*	0.05*	0.13	(1)	0.08
1800-	(1)	(1)	(1)	* 0.42	(1)	(1)	* 0.73*	4.75	(1)	(1)	1.96
1900-	* 0.06	0.04	0.03	0.04	0.01	0.03	0.03	0.02	0.02	(1)	0.03
2000-	(1)	(1)	0.02	0.01	(1)	0.02	0.01	0.04	(1)	0.01	0.02
2100-	0.03	0.01	0.03	0.01	0.06	0.07	0.13	0.09	0.10	0.09	0.06
2200-	0.08	0.11	0.11	0.03	0.07	0.02	0.03	0.03	0.06	0.05	0.06
2300-	(1)	0.01	0.06	0.05	0.08	0.06	0.06	0.09	0.06	0.05	0.06

* Kiln Speed less than or equal to 20 RPH : 27
 (1) No value taken or data not retrievable : 170
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 43

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.14	-0.02	0.05
Std Deviation	0.569	---	0.031
Variance	0.323	---	0.001
Number	70	70	43

EMISSIONS FOR 05061

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05060

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*11.37	(1)	11.37
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 239
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	11.37	-0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	1	1	0

EMISSIONS FOR 05059

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05058

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	0.00	0.00
Std Deviation	0.000	0.000
Variance	0.000	0.000
Number	0	0

EMISSIONS FOR 05057

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.16	2.87	2.78	0.93	1.85	3.08	4.06*	2.58*	4.58	2.88
0100-*	7.54	(1)	3.29	1.64	3.29	6.57	1.64	10.37	2.50	7.49	4.93
0200-	(1)	5.77	27.20	13.60	20.40	20.40	(1)	(1)	(1)	3.30	15.11
0300-	(1)	2.59	2.59	7.84	3.92	(1)	(1)	10.41	(1)	(1)	5.47
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 3
 (1) No value taken or data not retrievable : 211
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 26

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.49	-0.00	6.68
Std Deviation	6.434	---	6.747
Variance	41.397	---	45.528
Number	29	29	26

EMISSIONS FOR 05056

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.93	0.04	1.48
1500-	0.04	0.04	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.02
1600-	0.02	0.03	0.03	0.03	0.02	0.03	0.05	0.05	0.06	0.06	0.04
1700-	0.06	0.05	0.03	0.06	0.05	0.06	0.05	0.05	0.07	0.07	0.05
1800-	0.03*	0.03	0.08	0.07	0.02	0.02	0.05	(1)	0.15	0.13	0.06
1900-	(1)	(1)	0.29	0.20	0.39	0.20	0.42	0.44	0.55	0.35	0.36
2000-	0.25	0.22	2.16	1.78	0.72	0.77	0.99	0.86	0.50	0.55	0.88
2100-	0.96	0.89	0.57	0.63	0.23	0.86	1.27	0.44	0.79	(1)	0.74
2200-	0.97	0.24	0.90	0.90	0.67	0.96	0.83	0.76	0.48	1.86	0.86
2300-	3.58	2.98	3.08	3.20	2.26	3.65	3.65	3.86	4.07	3.16	3.35

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 152
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 87

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.74	0.75	
Std Deviation	1.084	1.088	
Variance	1.175	1.183	
Number	88	87	

EMISSIONS FOR 05055

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05054

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05053

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05052

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05051

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05050

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05049

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	0.03	0.04	0.02	0.03	0.03	0.04	0.03	0.02	0.04	0.03
0100-	0.03	0.02	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.03	0.03
0200-	0.03	0.02	0.03	0.03	0.02	0.02	0.04	(1)	0.03	0.04	0.03
0300-	0.04	0.03	0.02	0.03	0.03	0.03	0.01	0.03	0.03	0.03	0.03
0400-	0.03	0.04	0.04	0.02	(1)	0.02	0.03	0.03	0.03	0.03	0.03
0500-	0.03	0.01	0.04	0.03	0.03	0.04	0.02	(1)	0.03	0.05	0.03
0600-	0.04	0.04	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.04
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	0.03	0.07	0.08	0.06	0.04	0.06	0.06
1500-	0.05	0.08	0.06	0.08	0.04	0.03	0.05	0.06	0.08	0.06	0.06
1600-	0.06	0.06	0.07	0.06	0.06	0.05	0.06	0.08	0.08	0.09	0.07
1700-	0.06	0.06	0.08	0.08	0.06	0.06	0.04	0.04	0.05	0.05	0.06
1800-	0.05	0.06	0.06	0.04	0.06	0.04	0.05	0.05	0.05	0.06	0.05
1900-	0.04	0.06	0.06	0.06	0.06	0.04	0.07	0.06	0.06	0.05	0.05
2000-	0.07	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.04	0.05	0.06
2100-	0.05	0.05	0.05	0.06	0.06	0.05	0.07	0.05	0.05	0.04	0.05
2200-	0.04	0.05	0.06	0.05	0.06	0.06	0.05	0.04	0.04	0.07	0.05
2300-	0.08	0.06	0.05	0.07	0.05	0.05	0.05	0.06	0.04	0.07	0.06

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 86
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 154

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.05	0.05	
Std Deviation	0.017	0.017	
Variance	0.000	0.000	
Number	154	154	

EMISSIONS FOR 05048

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	0.06	0.06	0.06	0.06	0.06
0300-	0.05	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.09	0.07	0.07
0400-	0.06	0.08	0.08	0.06	0.06	0.05	0.04	0.06	0.06	0.08	0.06
0500-	0.06	0.05	0.06	0.07	0.06	0.08	0.04	0.05	0.07	0.06	0.06
0600-	0.06	0.07	0.06	0.06	0.06	0.05	0.05	0.07	0.07	0.05	0.06
0700-	0.06	0.02	0.02	0.05	0.06	0.05	0.04	0.04	0.02	0.06	0.04
0800-	0.05	0.05	0.05	0.03	0.06	0.05	0.05	0.04	0.02	0.02	0.04
0900-	0.06	0.07	0.06	0.07	0.07	0.11	0.11	0.07	0.08	0.07	0.08
1000-	0.05	0.09	0.12	0.12	0.10	0.22	0.40	0.13	0.12	0.10	0.14
1100-	0.12	0.10	0.13	0.13	0.14	0.15	0.10	0.09	0.14	0.16	0.13
1200-	0.12	0.64	1.07	0.08	0.06	0.06	0.07	0.06	0.07	0.08	0.23
1300-	0.07	0.06	0.06	0.09	0.06	0.06	0.06	0.10	0.07	0.05	0.07
1400-	0.06	0.06	0.07	0.06	0.07	0.06	0.08	0.07	0.07	0.04	0.06
1500-	0.05	0.08	0.08	0.07	0.07	0.04	0.09	0.07	0.07	0.06	0.07
1600-	0.05	0.06	0.10	0.07	0.10	0.07	0.08	0.06	0.05	0.04	0.07
1700-	0.06	0.06	0.05	0.04	0.05	0.05	0.04	0.04	0.08	0.07	0.05
1800-	0.07	0.07	0.09	0.10	0.07	1.66	0.06	0.05	0.05	0.06	0.23
1900-	0.07	0.03	0.03	0.03	0.06	0.06	0.09	0.07	0.08	0.09	0.06
2000-	0.08	0.10	0.07	0.05	0.08	0.05	0.03	0.04	0.06	0.05	0.06
2100-	0.01	0.04	0.01	0.03	0.03	(1)	0.04	0.03	0.03	0.04	0.03
2200-	0.03	0.03	0.02	0.04	0.04	0.02	0.04	0.02	0.02	0.03	0.03
2300-	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.02	0.03

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 27
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 213

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.08	0.08	0.08
Std Deviation	0.140	---	0.140
Variance	0.020	---	0.020
Number	213	213	213
=====			

EMISSIONS FOR 05047

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*	0.04
0900-*	0.04*	0.01*	0.05*	0.05*	0.04*	0.05*	0.04*	0.03*	0.01	0.04	0.04
1000-	0.04	0.03	0.02	0.02	0.03	0.02	0.04	0.05	0.04	0.03	0.03
1100-	0.03	0.03	0.02	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05
1200-	0.04	0.05	0.05	0.06	0.05	0.05	0.07	0.10	0.12	0.12	0.07
1300-	0.22	0.21	0.21	0.21	0.28	0.31	0.26	0.25*	1.92	(4)	0.43
1400-*	14.40*	5.70*	0.37*	1.24*	1.68	(4)	(4)	* 4.98*	2.06*	2.34	4.10
1500-*	2.08*	3.01	(1)	* 1.23*	0.55	1.20	0.05	0.07	0.04	0.04	0.92
1600-	0.02	0.02	0.05	0.07	0.05	0.06	0.06	0.05	0.08	0.06	0.05
1700-	0.04	0.07	0.11	0.09	0.09	0.11	0.14	0.12	0.07	0.09	0.09
1800-	0.06	0.07	0.05	0.10	0.12	0.11	0.14	0.12	0.14	0.12	0.10
1900-	0.08	0.12	0.18	0.22	0.24	0.17	0.15	0.07	0.12	0.15	0.15
2000-	0.11	0.07	0.02	0.01	0.05	0.08	0.08	0.07	0.06	0.09	0.07
2100-	0.14	0.09	0.07	0.08	0.08	0.07	0.10	0.08	0.08	0.07	0.09
2200-	0.09	0.06	0.07	0.09	0.09	0.07	0.07	0.08	0.08	0.10	0.08
2300-	0.09	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.08	0.08

* Kiln Speed less than or equal to 20 RPH : 23
 (1) No value taken or data not retrievable : 90
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 3
 All other observations : 124

=====			=====		
NOx in pounds per ton of clinker produced					
=====			=====		
ALL NON-ZERO DATA			KILN SPEED > 20 rph		
=====			=====		
Arithmetic	Weighted		Arithmetic		
=====			=====		
Average	0.37	0.10	0.10		
Std Deviation	1.387	---	0.115		
Variance	1.924	---	0.013		
Number	147	147	124		
=====			=====		

EMISSIONS FOR 05046

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	* 0.02	(1)	(1)	(1)	* 0.01*	0.01	0.01
2300-	(1)	(1)	(1)	* 0.01*	0.01	(1)	* 0.01*	0.01	(1)	(1)	0.01

* Kiln Speed less than or equal to 20 RPH : 7
 (1) No value taken or data not retrievable : 233
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.01	-0.00	0.00
Std Deviation	0.003	---	0.000
Variance	0.000	---	0.000
Number	7	7	0

EMISSIONS FOR 05045

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05044

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.00	8.89	7.87	7.76	8.03	8.91	8.86	9.27	8.81	8.60
0100-	9.56	9.66	9.00	8.36	8.36	9.85	9.85	9.25	9.41	9.55	9.29
0200-	9.56	9.90	8.58	8.08	7.85	8.21	9.03	9.93	9.26	8.78	8.92
0300-	8.38	8.41	8.06	8.12	8.42	7.92	7.77	7.77	8.45	8.70	8.20
0400-	8.40	8.30	8.72	8.40	7.79	7.61	8.58	8.47	8.80	8.62	8.37
0500-	8.35	7.93	8.16	8.68	8.61	8.39	7.76	7.80	8.27	9.04	8.30
0600-	8.42	8.10	7.72	8.01	8.72	8.33	7.74	7.79	7.95	7.93	8.07
0700-	7.43	7.40	7.51	7.61	7.41	7.41	7.69	7.99	7.71	7.24	7.54
0800-	7.18	7.08	7.30	7.32	7.37	6.97	7.12	7.53	8.01	7.89	7.38
0900-	4.14	7.12	6.81	6.70	6.70	6.20	6.47	6.26	6.02	5.69	6.21
1000-	5.26	5.04	5.08	4.99	4.79	4.93	4.88	5.15	4.94	5.38	5.04
1100-	5.49	5.57	5.72	5.79	5.63	5.86	6.19	6.08	6.37	7.12	5.98
1200-	7.36	7.84	8.51	8.64	8.36	8.44	8.78	7.92	7.22	7.16	8.02
1300-	6.94	8.25	8.65	7.88	7.52	7.89	7.47	7.04	6.87	7.23	7.57
1400-	7.18	6.72	6.71	6.56	6.40	6.51	6.28	6.01	6.03	5.96	6.44
1500-	5.82	5.79	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5.81
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.90	5.58	5.24
1800-	6.21	6.40	6.77	5.85	5.65	5.79	6.77	6.45	6.71	6.42	6.30
1900-	5.38	4.38	3.97	4.21	4.27	3.42	3.81	3.94	3.66	3.36	4.04
2000-	3.32	3.40	3.47	3.65	3.76	3.96	4.07	5.00	5.19	5.92	4.18
2100-	5.93	5.72	5.80	5.72	5.98	5.94	5.85	5.76	5.29	4.97	5.70
2200-	4.99	5.47	6.09	5.82	5.35	4.81	4.61	4.36	4.36	4.26	5.01
2300-	4.28	4.51	4.70	4.87	4.50	4.86	5.54	6.41	6.22	5.67	5.16

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 27
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 213

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.84	6.84	
Std Deviation	1.640	1.640	
Variance	2.691	2.691	
Number	213	213	
=====			

EMISSIONS FOR 05043

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.90	5.90	5.94	5.96	6.04	5.94	6.20	6.18	6.41	6.05
0100-	6.79	6.56	6.86	7.39	7.56	7.60	7.73	7.75	8.58	9.70	7.65
0200-	9.38	9.34	9.78	9.23	9.39	9.88	9.70	9.74	9.57	9.05	9.50
0300-	8.03	10.05	10.16	9.24	8.49	8.24	7.99	7.48	7.11	6.88	8.37
0400-	6.32	6.36	6.46	6.34	6.62	7.01	6.93	7.09	7.43	7.69	6.82
0500-	7.86	8.11	8.27	9.02	9.18	9.23	8.95	9.18	9.42	8.69	8.79
0600-	8.56	9.10	9.15	9.25	8.85	8.31	8.09	7.54	7.08	6.71	8.26
0700-	6.66	6.32	6.35	6.30	6.31	6.08	5.92	5.96	6.07	6.20	6.22
0800-	6.26	6.42	6.77	7.34	7.78	8.09	7.86	6.95	7.91	7.48	7.28
0900-	4.00	5.80	5.21	5.12	5.31	5.02	4.99	5.43	5.81	6.17	5.29
1000-	6.28	6.05	6.49	6.84	7.39	8.15	9.04	9.59	8.24	8.75	7.68
1100-	7.85	8.59	8.93	10.49	10.14	9.91	9.35	8.94	8.09	7.99	9.03
1200-	9.35	8.34	7.50	6.64	6.18	6.02	6.31	6.38	6.74	7.05	7.05
1300-	6.78	6.67	7.03	7.63	7.84	7.61	8.12	8.77	9.64	10.13	8.02
1400-	10.50	10.28	10.12	9.48	8.79	8.30	8.69	9.04	8.47	9.16	9.28
1500-	9.38	9.83	10.34	10.96	10.59	9.99	10.84	11.79	12.16	11.93	10.78
1600-	12.05	11.42	11.91	11.94	12.45	12.65	12.53	14.93	13.08	15.32	12.83
1700-	13.94	13.13	12.92	13.10	13.45	12.32	10.83	10.55	12.50	12.66	12.54
1800-	10.65	11.89	10.77	10.73	10.74	10.93	10.71	10.18	10.13	9.39	10.61
1900-	9.66	10.31	9.86	9.19	8.93	9.10	8.19	7.80	7.63	7.70	8.84
2000-	7.73	7.69	7.75	8.03	7.93	8.03	8.12	7.98	7.97	8.18	7.94
2100-	7.83	7.17	6.77	6.72	6.63	6.40	6.32	6.32	6.10	5.89	6.62
2200-	5.93	6.17	6.40	6.60	6.79	6.84	7.26	7.69	7.50	7.23	6.84
2300-	7.40	7.54	7.56	7.38	7.27	7.74	8.35	8.59	8.90	9.10	7.98

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.36	8.36	
Std Deviation	2.016	2.016	
Variance	4.065	4.065	
Number	239	239	

EMISSIONS FOR 05042

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.85	2.91	2.91	2.74	2.71	2.75	2.75	2.77	2.73	2.79
0100-	4.61	5.67	5.88	6.45	6.13	5.62	5.57	5.30	5.23	5.23	5.57
0200-	5.45	6.89	8.30	8.50	8.72	8.86	8.61	7.92	7.94	8.18	7.94
0300-	8.12	8.91	10.06	10.59	11.97	11.26	11.66	12.89	10.80	12.72	10.90
0400-	13.62	14.18	13.37	12.43	11.70	11.32	10.33	9.44	8.83	8.77	11.40
0500-	9.13	9.37	9.07	9.00	8.69	8.77	8.88	9.23	9.60	9.86	9.16
0600-	9.86	10.02	9.43	9.92	9.82	9.80	9.28	8.96	9.20	9.10	9.54
0700-	9.09	8.95	8.69	8.11	7.42	7.38	7.72	7.37	7.35	7.58	7.96
0800-	7.14	6.98	6.99	7.41	7.37	7.37	7.28	6.80	6.95	6.98	7.13
0900-	4.29	8.22	7.95	7.69	7.45	7.37	6.82	6.15	6.21	5.67	6.78
1000-	5.18	5.07	4.71	4.80	4.84	5.01	4.93	4.95	4.92	4.80	4.92
1100-	4.93	5.08	4.93	5.13	5.38	5.27	5.31	5.37	5.72	6.76	5.39
1200-	7.28	7.06	7.20	7.32	6.64	6.68	6.22	7.14	5.94	6.14	6.76
1300-	5.76	5.15	5.02	5.16	4.87	4.97	4.96	5.00	4.89	4.76	5.05
1400-	4.98	5.14	5.17	5.22	5.02	5.05	5.27	5.26	5.07	5.34	5.15
1500-	5.39	5.51	5.48	5.20	5.92	5.94	5.98	6.40	6.52	6.61	5.89
1600-	6.58	6.71	6.68	7.29	7.20	7.84	6.40	8.61	8.12	7.24	7.27
1700-	6.83	6.66	6.57	6.75	6.44	6.50	6.65	7.22	7.33	7.21	6.82
1800-	6.96	6.88	6.69	6.35	6.31	6.23	6.18	6.01	5.63	5.74	6.30
1900-	5.90	5.64	5.66	5.77	5.91	5.92	5.91	5.82	6.08	6.52	5.91
2000-	6.50	6.80	6.84	6.37	6.01	5.24	5.15	5.08	5.09	4.98	5.81
2100-	4.97	5.03	5.14	5.19	5.23	5.26	5.45	5.50	5.47	6.05	5.33
2200-	5.14	5.56	5.79	6.31	6.57	5.75	5.70	5.67	5.77	5.95	5.82
2300-	6.00	6.06	5.85	6.09	6.10	6.09	5.67	5.78	5.42	5.13	5.82

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.74	6.91	6.74
Std Deviation	2.046	---	2.046
Variance	4.186	---	4.186
Number	239	239	239

EMISSIONS FOR 05041

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	6.72	6.83	6.57	6.92	7.00	7.32	7.63	7.00
0900-	4.87	7.33	7.43	8.15	6.65	6.76	7.03	7.30	6.79	6.70	6.90
1000-	7.13	8.18	7.72	7.05	7.24	7.32	7.85	8.17	7.37	7.77	7.58
1100-	8.21	7.06	7.40	7.44	6.17	6.04	5.86	5.57	5.36	5.13	6.42
1200-	5.10	5.53	5.54	5.46	5.48	5.54	5.76	5.77	5.73	5.99	5.59
1300-	5.96	6.08	6.21	6.33	6.03	5.95	5.70	5.42	5.37	5.06	5.81
1400-	5.28	5.46	5.37	5.10	5.20	5.09	4.96	4.90	4.91	4.70	5.10
1500-	4.92	4.92	4.79	4.76	5.08	4.90	4.94	5.03	5.13	5.34	4.98
1600-	5.56	5.53	5.94	7.13	7.05	6.62	6.82	6.73	6.81	6.67	6.49
1700-	6.80	6.50	6.68	7.11	6.62	6.83	6.51	6.11	6.22	6.81	6.62
1800-	6.84	6.62	6.48	5.97	5.64	5.76	5.92	5.67	5.82	6.18	6.09
1900-	6.11	6.41	6.09	5.70	5.80	5.98	6.19	6.47	6.45	6.44	6.17
2000-	6.43	6.57	6.54	6.38	6.50	6.13	5.74	5.71	5.88	6.12	6.20
2100-	7.11	6.65	5.92	5.75	5.92	5.94	5.93	6.04	5.88	5.70	6.08
2200-	6.29	6.68	6.66	6.68	6.79	6.86	6.17	5.43	4.62	3.55	5.97
2300-	3.28	2.85	2.74	2.77	2.98	2.86	2.89	2.91	2.93	2.88	2.91

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 83
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 157

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.98	6.49	5.98
Std Deviation	1.150	---	1.150
Variance	1.323	---	1.323
Number	157	157	157

EMISSIONS FOR 05040

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.05	5.10	5.20	5.44	5.37	5.27	5.65	6.07	6.00	5.46
0100-	6.16	6.71	11.05	14.04	11.75	14.58	15.21	12.77	15.59	13.18	12.10
0200-	13.08	12.02	12.41	14.81	15.54	14.04	13.28	14.94	13.77	13.00	13.69
0300-	11.10	11.60	4.84*76.54*	67.87*	70.74*	90.28*	87.64*	86.50*	44.79		55.19
0400-	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(1)
0500-	4.57	2.64	3.22	4.41	4.57	4.85	4.84	4.50	4.73	5.27	4.36
0600-	6.11	7.19	7.03	6.76	7.26	9.41	10.52	10.79	10.15	8.32	8.36
0700-	9.55	7.64	8.21	10.14	11.20	9.30	8.56	9.35	10.21	9.74	9.39
0800-	9.09	8.07	6.83	6.26	7.25	7.45	7.46	7.69	7.79	7.03	7.49
0900-	5.24	8.14	8.85	10.22	10.12	10.56	9.93	6.53	8.50	10.45	8.85
1000-	11.16	10.98	11.46	11.27	11.78	11.42	11.00	11.27	11.69	11.39	11.34
1100-	11.07	10.94	11.18	10.47	10.56	10.62	10.17	10.30	9.97	9.39	10.47
1200-	8.79	9.76	9.85	10.37	10.16	10.17	9.75	10.18	9.92	9.15	9.81
1300-	8.65	8.39	8.52	8.62	8.56	7.91	8.18	8.34	8.60	9.00	8.48
1400-	8.96	9.10	8.84	8.69	8.47	8.59	8.71	8.60	9.41	9.05	8.84
1500-	8.99	8.49	9.04	9.11	8.20	7.53	7.31	7.38	7.39	7.69	8.11
1600-	7.77	7.76	8.12	8.13	8.60	8.92	7.31	8.38	7.49	6.88	7.94
1700-	8.14	9.75	8.88	7.71	7.21	7.05	10.30	6.35	6.19	9.06	8.06
1800-	6.55	6.57	6.42	6.83	7.32	7.56	6.75	6.78	6.96	6.62	6.83
1900-	6.73	6.63	6.38	6.38	6.00	5.82	5.90	5.74	5.59	5.54	6.07
2000-	5.38	5.31	5.46	5.21	5.25	5.12	5.13	5.22	4.90	5.10	5.21
2100-	5.17	5.28	5.36	5.50	5.47	5.56	5.85	5.77	5.88	5.96	5.58
2200-	5.88	6.08	6.10	6.13	6.09	6.22	6.02	6.06	6.33	6.25	6.12
2300-	6.14	6.17	6.21	6.14	6.09	5.49	5.62	5.36	5.13	4.95	5.73

* Kiln Speed less than or equal to 20 RPH : 7
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 10
 All other observations : 222

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	10.17	8.13	
Std Deviation	12.072	2.570	
Variance	145.742	6.603	
Number	229	222	

EMISSIONS FOR 05039

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.73	5.73	5.88	6.09	6.13	5.98	5.91	5.92	5.80	5.91
0100-	5.76	5.92	5.67	5.61	5.73	6.21	6.48	6.83	6.95	7.44	6.26
0200-	7.72	8.28	8.06	7.06	6.43	6.48	7.04	7.28	6.35	6.21	7.09
0300-	5.66	5.29	5.48	5.78	5.89	5.84	6.11	6.46	6.62	6.48	5.96
0400-	6.45	6.12	6.08	5.99	6.06	6.02	5.90	5.78	5.79	5.89	6.01
0500-	6.04	6.47	6.95	7.10	7.11	6.68	6.17	6.04	5.92	6.02	6.45
0600-	5.92	6.06	6.33	6.43	6.77	7.19	6.90	8.25	8.44	7.84	7.01
0700-	8.43	7.20	7.00	8.11	7.70	6.60	6.15	5.81	5.89	5.59	6.85
0800-	5.59	5.78	5.76	5.57	5.54	6.40	8.13*	5.70*	20.99*	15.65	8.51
0900-	15.96*	25.69*	8.72*	4.06*	3.17*	3.61*	6.39*	6.69*	6.63*	6.72	8.76
1000-	8.20*	8.53*	8.33*	8.10*	5.84*	2.10*	2.20*	2.97*	3.48	1.93	5.17
1100-	5.24	5.42	5.88	7.04	8.05	7.79	7.47	7.53	7.42	7.60	6.94
1200-	8.13	7.16	6.01	5.40	6.22	5.92	6.52	10.17	9.95	9.31	7.48
1300-	8.83	7.91	7.37	7.59	7.63	8.22	7.95	8.09	8.79	9.54	8.19
1400-	10.19	10.91	11.43	12.36	12.94	13.99	14.65	15.30	12.95	14.19	12.89
1500-	11.38	13.58	11.33	12.05	13.03	12.44	11.50	10.78	10.13	9.86	11.61
1600-	9.52	9.50	9.16	9.23	8.67	8.49	9.12	9.06	8.77	8.60	9.01
1700-	7.87	7.46	7.62	7.97	8.01	8.43	8.02	8.35	7.85	7.96	7.95
1800-	7.80	7.51	7.39	6.90	7.00	6.86	6.84	6.66	6.68	6.81	7.04
1900-	7.06	6.51	6.71	6.97	7.01	7.19	7.18	7.09	7.14	6.89	6.97
2000-	6.86	6.95	6.83	6.80	6.75	6.72	6.43	6.33	6.44	6.16	6.63
2100-	6.03	6.09	6.06	6.16	6.29	6.53	6.65	6.87	7.11	6.98	6.48
2200-	7.04	6.97	7.04	6.87	6.75	7.29	6.86	6.83	6.76	6.50	6.89
2300-	6.45	6.11	6.16	5.66	5.38	5.33	5.19	5.17	5.22	5.20	5.59

* Kiln Speed less than or equal to 20 RPH : 22
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 217

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	7.41	7.20	7.33
Std Deviation	2.616	---	1.950
Variance	6.844	---	3.801
Number	239	239	217

EMISSIONS FOR 05038

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.70	7.47	7.23	7.25	7.33	7.32	6.90	6.76	6.95	7.21
0100-	6.94	7.22	7.30	7.79	8.08	7.87	7.85	7.82	7.91	7.92	7.67
0200-	7.92	7.71	7.28	6.69	6.84	7.13	7.41	8.01	8.47	8.30	7.58
0300-	8.32	8.31	8.29	7.35	7.43	6.83	6.73	7.23	7.14	7.39	7.50
0400-	8.06	7.97	8.09	7.83	7.70	8.57	8.75	8.48	8.24	7.75	8.14
0500-	7.05	6.55	7.08	6.99	6.89	6.87	6.75	6.41	6.17	6.53	6.73
0600-	6.40	6.14	6.30	6.83	6.28	6.55	6.88	6.67	6.81	6.77	6.56
0700-	6.56	6.54	6.94	6.86	6.47	6.05	6.03	5.46	5.63	5.41	6.20
0800-	5.27	5.28	5.44	5.77	6.11	6.16	6.63	6.79	6.61	7.05	6.11
0900-	4.01	6.28	6.19	6.85	6.77	5.82	5.75	5.75	5.70	5.75	5.89
1000-	5.98	6.10	6.34	6.62	6.60	7.48	7.47	6.76	7.13	6.72	6.72
1100-	6.63	6.13	6.02	6.00	5.75	5.79	5.63	5.51	5.65	5.75	5.89
1200-	5.97	5.87	6.25	6.49	6.82	6.85	7.11	7.31	7.47	7.83	6.80
1300-	8.14	8.26	7.43	6.72	6.52	6.37	6.43	6.39	6.15	5.99	6.84
1400-	5.84	5.49	5.21	5.15	7.12	16.48	4.18	4.49	5.10	4.70	6.38
1500-	4.84	5.07	5.61	6.29	7.35	7.55	8.10	6.63	8.21	6.77	6.64
1600-	7.90	8.53	7.56	8.05	9.12	8.32	6.43	5.52	5.00	5.44	7.19
1700-	5.64	5.88	6.00	6.46	7.09	7.23	6.92	7.16	7.37	6.51	6.63
1800-	7.93	7.48	8.15	8.07	7.35	6.97	7.21	6.67	6.55	6.96	7.33
1900-	7.07	7.35	7.55	7.37	7.65	8.65	9.46	8.81	8.80	8.08	8.08
2000-	8.08	7.82	7.20	6.37	6.91	8.21	6.85	6.27	6.34	6.30	7.03
2100-	6.52	7.13	7.70	7.84	7.55	7.13	6.88	7.01	6.00	5.36	6.91
2200-	4.78	4.76	4.83	5.07	5.20	5.21	5.29	5.47	5.51	5.79	5.19
2300-	6.07	6.14	6.30	6.16	6.00	6.06	5.89	5.98	5.89	5.73	6.02

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

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NOx in pounds per ton of clinker produced

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ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.80 6.75
 1.181 ---
 1.394 ---
 239 239

=====

6.80
 1.181
 1.394
 239

=====

EMISSIONS FOR 05037

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.35	6.77	6.56
0800-	7.46	6.58	6.62	8.52	6.92	6.28	7.45	6.18	5.96	6.61	6.86
0900-	3.70	5.93	6.58	7.97	7.28	6.70	6.14	5.22	5.04	5.13	5.97
1000-	5.18	5.37	5.77	5.75	5.81	6.28	6.36	5.81	5.89	5.95	5.82
1100-	6.03	6.23	6.19	6.32	6.54	6.68	6.07	5.35	4.89	4.55	5.89
1200-	4.52	4.25	4.43	4.66	4.64	4.70	4.71	5.10	5.31	5.71	4.80
1300-	5.97	5.79	5.74	5.90	5.95	5.57	6.09	6.19	5.77	5.44	5.84
1400-	5.21	4.79	4.67	4.41	4.28	4.15	4.09	4.08	4.17	4.35	4.42
1500-	4.48	4.34	4.22	4.55	5.38	5.22	5.58	6.13	5.85	5.43	5.12
1600-	5.34	4.95	4.31	3.87	3.62	3.54	3.48	3.44	3.02	3.11	3.87
1700-	2.85	3.32	3.07	3.32	3.28	3.39	3.52	3.76	3.86	4.04	3.44
1800-	5.33	5.79	6.05	5.91	5.69	6.05	6.32	5.64	5.20	5.27	5.72
1900-	5.53	5.94	6.26	6.78	7.49	6.98	7.65	8.38	8.90	8.70	7.26
2000-	9.64	9.76	9.61	9.08	8.75	8.22	7.36	7.58	7.20	7.32	8.45
2100-	7.30	6.93	7.31	7.68	7.75	8.29	9.29	8.99	8.62	8.24	8.04
2200-	7.74	7.62	8.74	9.31	8.37	7.71	8.26	8.65	8.67	9.41	8.45
2300-	10.14	8.99	9.15	9.36	9.39	9.23	9.10	9.05	10.00	9.65	9.41

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 78
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 162

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NOx in pounds per ton of clinker produced

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	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	6.21	6.15	6.21
Std Deviation	1.808	---	1.808
Variance	3.270	---	3.270
Number	162	162	162

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EMISSIONS FOR 05036

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.36	7.15	7.25
1400-	6.47	6.30	6.17	6.06	6.05	6.42	6.04	5.45	5.97	6.06	6.10
1500-	6.00	5.72	5.90	6.67	8.44	7.17	7.85	7.32	7.22	7.20	6.95
1600-	6.93	7.00	7.35	7.33	7.39	7.86	6.52	7.50	8.29	6.89	7.31
1700-	7.40	6.22	6.89	7.21	8.64	7.20	8.25	8.20	(1)	(1)	7.50
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 200
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 48

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

7.02 7.02
 0.786 ---
 0.618 ---
 48 48

7.02
 0.786
 0.618
 48

EMISSIONS FOR 05035

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.82	8.13	8.36	7.35	7.36	7.44	7.71	7.65	7.31	7.68
0100-	7.29	7.05	7.16	7.34	7.43	7.51	7.34	7.69	7.96	7.46	7.42
0200-	7.65	6.74	7.66	6.90	6.07	7.46	7.81	7.67	6.58	7.73	7.23
0300-	7.21	6.71	6.61	6.41	6.03	5.73	5.43	5.80	5.92	6.37	6.22
0400-	6.98	6.93	6.79	6.57	7.08	7.80	7.36	7.84	6.62	6.72	7.07
0500-	6.60	6.46	6.33	6.52	8.58	8.71	9.19	7.52	6.47	6.95	7.33
0600-	9.54	8.59	8.30	8.10	6.97	7.65	7.85	7.30	11.60	9.72	8.56
0700-	7.53	9.39	9.70	8.54	10.76	9.94	8.24	7.71	12.11	11.80	9.57
0800-	8.29	5.00	7.65	9.65	8.37	8.21	8.50	8.45	8.23	8.23	8.06
0900-	5.01	9.23	8.29	8.39	10.11	9.14	8.58	9.13	8.22	7.98	8.41
1000-	7.80	9.01	8.32	7.20	6.20	9.30	8.25	6.61	7.31	8.11	7.81
1100-	8.36	9.00	9.38	9.22	9.13	9.62	9.29	9.45	9.87	9.12	9.24
1200-	10.12	9.90	10.41	9.21	(1)	(1)	(1)	(1)	(1)	(1)	9.91
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 117
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 123

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.95	7.95	
Std Deviation	1.331	1.331	
Variance	1.771	1.771	
Number	123	123	

EMISSIONS FOR 05034

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.48	9.62	9.05
0300-	8.98	9.46	9.12	9.24	9.06	9.10	7.44	7.62	8.40	8.49	8.69
0400-	8.62	9.50	9.49	9.21	9.27	7.20	8.41	9.50	8.42	9.22	8.89
0500-	8.72	9.28	9.14	7.78	10.37	9.77	8.67	8.84	7.67	7.56	8.78
0600-	7.76	7.79	8.27	8.63	8.86	8.70	8.07	8.08	7.72	7.50	8.14
0700-	7.66	7.49	7.89	6.09	7.96	8.05	9.08	8.81	11.59	9.82	8.44
0800-	9.91	11.78	10.22	9.66	8.42	7.77	8.20	8.72	8.94	9.81	9.34
0900-	5.49	10.53	10.95	10.14	10.34	11.40	11.69	9.31	9.86	9.60	9.93
1000-	9.19	8.10	8.23	7.48	9.16	10.78	10.25	10.30	11.86	11.81	9.72
1100-	11.26	10.93	10.78	10.72	10.76	10.97	11.05	10.38	11.14	11.77	10.97
1200-	11.56	9.64	11.06	10.34	10.36	10.44	10.23	10.56	10.42	10.17	10.48
1300-	10.16	10.26	8.94	8.90	9.32	9.07	9.31	9.10	8.79	9.01	9.29
1400-	9.80	11.03	11.30	10.16	10.11	9.80	9.28	8.06	7.51	7.19	9.43
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.31	8.17	7.69	7.72
1800-	7.58	8.40	7.52	7.42	7.84	7.96	7.90	7.66	8.46	9.26	8.00
1900-	9.78	8.75	7.77	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.77
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	10.14	9.82	9.55	9.69	9.21	8.96	9.56
2200-	10.14	9.15	9.02	8.77	8.40	8.14	9.42	8.68	8.14	7.43	8.73
2300-	7.57	7.82	7.75	7.53	7.58	8.09	8.22	7.98	8.04	7.59	7.82

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 76
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 164

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

9.09 9.08
 1.256 ---
 1.577 ---
 164 164

9.09
 1.256
 1.577
 164

EMISSIONS FOR 05033

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.04	5.02	4.96	5.13	5.26	5.37	5.63	6.01	5.86	5.36
0100-	6.26	6.29	6.83	6.52	6.41	6.80	6.80	6.59	6.01	5.61	6.41
0200-	5.53	5.91	5.39	6.01	5.91	5.94	5.82	6.04	4.46	5.82	5.68
0300-	5.47	5.10	5.76	5.54	5.58	6.14	6.28	5.86	5.56	6.03	5.73
0400-	6.04	5.95	5.60	5.48	5.69	6.20	5.96	6.15	5.82	5.77	5.87
0500-	5.95	6.11	6.31	6.77	6.83	6.57	6.26	5.88	5.55	5.94	6.22
0600-	5.72	5.74	5.84	6.09	6.35	6.30	6.29	6.17	5.87	5.67	6.00
0700-	5.66	5.85	6.30	5.92	6.01	5.93	5.64	5.39	5.42	5.46	5.76
0800-	5.73	5.42	5.24	5.25	5.18	5.74	6.35	6.94	7.14	7.61	6.06
0900-	4.25	8.05	8.29	8.16	7.61	7.55	7.31	7.23	6.91	7.03	7.24
1000-	7.23	7.91	7.77	8.07	8.16	7.92	6.65	6.62	6.07	5.94	7.23
1100-	5.86	6.19	6.34	6.79	7.51	8.24	7.93	8.66	9.01	8.43	7.50
1200-	8.40	8.62	9.08	8.27	8.69	9.11	8.70	8.82	8.69	9.37	8.77
1300-	9.77	9.63	10.18	10.06	10.59	10.67	10.18	10.84	9.76	9.88	10.16
1400-	9.84	9.34	10.07	10.00	9.63	9.27	9.92	9.86	9.42	8.71	9.61
1500-	8.37	8.02	9.00	9.46	10.38	9.81	9.59	9.64	10.03	10.03	9.43
1600-	9.02	8.97	8.14	7.52	7.54	6.65	7.02	6.92	6.77	7.26	7.58
1700-	7.38	8.21	9.03	8.87	8.91	8.81	8.69	7.98	8.16	7.85	8.39
1800-	7.13	7.11	6.58	7.16	7.35	7.76	7.92	8.78	8.06	7.99	7.58
1900-	7.32	5.66	6.00	4.43	4.08	4.72	5.23	5.99	8.72	9.07	6.12
2000-	8.74	8.83	5.98	4.01	5.55	5.82	6.25	6.01	6.50	7.14	6.48
2100-	7.31	6.89	6.04	7.55	7.46	6.67	7.10	8.04	8.88	8.99	7.49
2200-	9.07	9.23	10.66	9.93	8.92	7.01	8.44	7.57	6.71	9.32	8.69
2300-	8.52	7.68	8.05	8.48	9.18	11.49	9.97	11.76	10.20	7.97	9.33

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.29	7.29	
Std Deviation	1.632	1.632	
Variance	2.664	2.664	
Number	239	239	

EMISSIONS FOR 05032

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	6.58	6.74	6.87	6.76	6.51	6.79	6.93	7.20	7.39	7.19	6.90
1500-	7.04	6.72	5.88	5.41	5.55	4.81	4.75	4.81	4.81	4.97	5.48
1600-	4.71	4.96	4.79	4.74	4.86	4.92	4.95	4.95	5.32	5.58	4.98
1700-	5.38	5.00	4.96	4.78	4.48	4.65	4.58	4.62	4.56	4.64	4.77
1800-	4.58	4.47	4.67	4.49	4.20	4.13	4.37	4.53	4.66	4.63	4.47
1900-	4.79	4.98	4.74	4.82	4.69	4.61	4.52	4.36	4.49	4.41	4.64
2000-	4.78	4.87	4.88	4.92	4.95	4.84	5.38	5.55	5.18	5.24	5.06
2100-	5.52	5.48	5.30	4.90	4.99	5.05	4.92	4.89	5.00	4.95	5.10
2200-	5.06	4.92	4.72	4.59	4.49	4.45	4.48	4.77	4.95	5.31	4.77
2300-	5.40	5.39	5.52	5.28	5.66	5.62	6.11	5.60	5.97	5.65	5.62

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 140
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 100

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.18	5.18	
Std Deviation	0.750	0.750	
Variance	0.562	0.562	
Number	100	100	

EMISSIONS FOR 05031

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	6.45	6.00	6.24	6.28	6.17	6.50	6.27
1000-	6.75	6.50	6.97	7.51	7.32	7.22	6.78	6.65	6.72	7.00	6.94
1100-	7.78	8.20	7.63	6.72	6.64	6.47	5.83	5.61	5.65	5.13	6.57
1200-	4.93	4.99	4.98	4.89	4.98	4.91	4.69	4.87	(1)	(1)	4.91
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	5.00	5.09	(1)	(1)	(1)	(1)	(1)	5.04
1500-	(1)	(1)	(1)	(1)	6.53	6.05	6.35	6.79	7.16	7.41	6.72
1600-	7.38	7.30	6.84	6.17	5.09	4.64	4.65	(1)	4.86	(1)	5.86
1700-	(1)	(1)	(1)	(1)	(1)	(1)	5.38	5.39	5.47	5.89	5.53
1800-	6.33	6.45	6.45	6.71	7.32	7.08	7.11	7.35	7.35	7.24	6.94
1900-	7.73	7.62	7.77	7.44	7.80	8.13	7.89	7.70	7.90	7.41	7.74
2000-	8.12	8.24	7.41	7.34	7.48	6.54	6.90	7.07	7.28	7.22	7.36
2100-	6.99	6.75	7.09	6.95	6.87	6.95	6.97	7.10	7.04	7.39	7.01
2200-	7.46	7.58	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.52
2300-	(1)	(1)	(1)	(1)	7.11	7.33	7.02	7.34	8.01	7.58	7.40

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 138
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 102

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.68	6.68	
Std Deviation	0.957	0.957	
Variance	0.916	0.916	
Number	102	102	

EMISSIONS FOR 05030

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	6.65	6.51	6.01	6.45	6.71	6.86	6.42	6.52
1700-	6.63	6.58	6.54	6.58	6.13	5.81	5.95	5.85	5.67	6.01	6.17
1800-	6.40	6.47	6.44	6.76	7.10	8.24	7.27	6.68	6.39	5.96	6.77
1900-	5.57	5.22	5.12	6.33	6.40	5.95	5.50	5.99	5.94	6.22	5.82
2000-	6.53	6.62	6.68	6.62	6.14	6.09	7.52	6.50	5.42	5.82	6.39
2100-	5.60	5.20	5.57	5.82	5.29	5.86	6.03	5.82	5.94	5.99	5.71
2200-	5.73	6.11	6.09	6.18	6.84	6.76	6.85	6.82	6.47	6.01	6.39
2300-	7.35	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.35

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 172
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 68

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	6.26	6.26
Std Deviation	0.572	0.572
Variance	0.328	0.328
Number	68	68

EMISSIONS FOR 05029

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05028

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	5.17	5.01	5.08	5.22	5.31	5.41	5.20
0800-	5.26	5.14	5.03	4.81	5.04	5.29	5.18	5.10	5.22	4.77	5.09
0900-	3.17	4.50	4.31	4.57	4.66	4.75	4.59	4.56	4.73	5.00	4.48
1000-	6.26	5.59	4.99	5.24	5.06	5.35	5.41	4.88	4.87	5.09	5.27
1100-	5.71	5.55	5.47	5.93	5.34	5.28	5.50	5.51	5.28	5.51	5.51
1200-	5.13	5.34	5.30	5.55	5.64	5.61	5.61	5.47	5.65	5.44	5.47
1300-	5.34	5.22	5.28	5.68	5.67	5.75	6.29	6.13	5.79	5.52	5.67
1400-	5.50	5.37	5.11	4.92	5.07	5.65	5.16	5.02	5.13	4.98	5.19
1500-	4.87	5.13	5.17	5.52	6.21	(1)	(1)	(1)	4.64	4.46	5.14
1600-	4.64	4.59	4.63	4.99	5.27	5.26	5.47	5.66	5.22	4.99	5.07
1700-	5.16	4.95	4.95	4.83	4.49	4.55	4.57	4.63	4.76	4.89	4.78
1800-	5.02	5.23	5.21	5.27	4.99	5.35	5.24	4.92	4.88	4.86	5.10
1900-	4.60	4.67	4.77	4.69	4.62	4.99	4.92	4.97	5.33	5.24	4.88
2000-	5.11	5.17	4.99	4.79	4.69	4.46	4.41	4.60	4.66	4.63	4.75
2100-	4.81	4.91	5.01	4.72	4.60	4.43	4.33	4.63	4.69	4.70	4.68
2200-	4.95	5.15	5.04	5.11	5.37	5.38	5.01	5.03	4.69	4.27	5.00
2300-	4.55	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.55

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 86
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 154

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.07	5.07	
Std Deviation	0.430	0.430	
Variance	0.185	0.185	
Number	154	154	

EMISSIONS FOR 05027

HOURLY	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.06	1.53	3.16	2.70	1.92	1.41	1.43	3.07	3.26	2.28
0100-	3.21	1.92	2.64	3.25	2.36	3.72	2.41	4.15	2.00	2.79	2.85
0200-	3.39	4.20	2.42	3.05	2.51	3.68	1.95	1.66	1.63	1.94	2.64
0300-	2.86	2.38	2.06	2.17	1.64	1.45	1.89	2.07	2.43	2.45	2.14
0400-	1.49	2.21	1.67	1.74	1.70	3.05	1.92	1.87	4.00	4.24	2.39
0500-	3.51	2.88	2.99	2.23	1.82	1.65	2.29	2.14	2.18	2.13	2.38
0600-	1.50	1.41	1.42	2.45	1.93	1.17	3.93	4.29	3.45	4.32	2.59
0700-	2.65	2.80	2.80	2.73	1.62	3.10	2.63	1.95	2.69	3.79	2.68
0800-	2.35	1.63	2.82	3.12	4.87	3.72	2.22	3.94	3.16	2.04	2.99
0900-	1.43	3.05	1.42	2.53	1.55	0.99	1.21	1.09	1.13	1.23	1.56
1000-	1.35	1.63	1.63	1.35	1.17	1.10	1.11	1.08	1.00	1.00	1.24
1100-	0.87	0.87	0.95	0.93	1.24	1.52	(1)	(1)	(1)	(1)	1.06
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 125
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 115

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	2.27	2.27	
Std Deviation	0.935	0.935	
Variance	0.874	0.874	
Number	115	115	
=====			

EMISSIONS FOR 05026

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.59	1.44	1.61	1.26	1.24	1.30	1.84	2.04	1.94	1.59
0100-	2.37	1.65	1.61	1.12	1.19	1.22	1.16	1.10	1.20	1.54	1.41
0200-	1.23	1.29	1.16	1.00	1.00	1.01	1.11	1.11	1.07	1.12	1.11
0300-	1.08	1.01	1.08	1.15	1.25	1.26	1.29	1.31	1.22	1.17	1.18
0400-	1.60	1.26	1.66	1.12	1.14	0.92	0.82	0.93	1.01	1.03	1.15
0500-	1.27	1.71	1.44	1.15	1.05	0.93	0.94	1.67	4.56	0.96	1.57
0600-	0.96	1.01	1.07	1.16	1.05	1.02	1.07	1.11	2.36	1.54	1.24
0700-	1.40	1.19	2.14	2.04	1.47	2.03	3.39	2.71	3.21	2.61	2.22
0800-	1.23	1.03	0.93	0.86	0.76	1.63	1.54	1.85	1.59	1.42	1.28
0900-	1.02	2.26	1.14	1.44	1.21	1.16	1.14	1.67	5.05	5.50	2.16
1000-	5.31	5.78	6.10	6.09	5.52	4.79	4.79	5.37	4.21	4.82	5.28
1100-	5.10	5.07	5.02	5.03	4.63	4.20	3.95	4.51	3.80	3.44	4.47
1200-	3.76	3.54	2.90	2.75	3.75	4.61	5.28	5.51	5.45	5.23	4.28
1300-	5.65	6.31	6.60	6.91	7.44	7.24	7.05	7.19	7.33	6.91	6.86
1400-	6.31	6.60	6.71	6.79	6.35	6.16	6.13	6.00	5.90	5.67	6.26
1500-	5.62	5.87	5.49	5.12	6.16	5.20	4.44	3.41	4.46	4.60	5.04
1600-	4.20	3.95	4.15	3.03	2.43	5.43	6.79	7.13	7.34	7.48	5.19
1700-	7.06	6.64	5.94	5.41	4.80	6.09	6.24	6.28	3.68	2.46	5.46
1800-	3.64	1.59	2.80	2.75	2.45	2.12	1.55	2.48	2.60	3.21	2.52
1900-	2.49	2.88	3.00	3.02	4.60	2.53	4.62	2.27	2.68	6.12	3.42
2000-	5.53	3.36	2.13	2.44	2.26	2.62	2.48	2.66	3.04	2.86	2.94
2100-	2.33	2.08	1.68	1.77	5.00	4.43	3.39	3.84	8.06	3.34	3.59
2200-	2.28	2.03	3.70	4.07	4.12	3.05	5.02	5.53	3.57	3.48	3.69
2300-	3.14	3.68	1.87	2.95	3.55	3.79	3.83	1.65	2.49	3.22	3.02

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	3.21	3.29	3.21
Std Deviation	1.987	---	1.987
Variance	3.947	---	3.947
Number	239	239	239

EMISSIONS FOR 05025

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5.11	5.11
1200-	5.38	5.41	5.65	6.10	7.39	8.16	8.23	8.18	7.18	6.20	6.79
1300-	6.08	6.50	7.15	6.68	6.77	6.49	6.24	5.97	5.98	6.19	6.40
1400-	6.11	5.97	5.97	6.16	6.55	6.59	6.52	6.99	7.32	7.60	6.58
1500-	7.56	7.67	7.15	7.47	8.28	7.14	6.86	6.64	6.32	6.14	7.12
1600-	6.35	6.66	6.17	6.50	6.91	7.19	7.06	7.19	7.64	6.67	6.84
1700-	6.38	6.35	5.87	6.09	5.90	5.93	6.47	5.99	5.74	5.64	6.04
1800-	5.95	6.34	6.21	6.46	6.40	7.03	6.83	6.66	5.87	5.72	6.35
1900-	5.49	5.63	5.79	5.78	5.38	5.51	5.80	5.71	5.98	6.16	5.72
2000-	5.86	5.56	5.46	5.33	5.51	5.51	5.29	5.50	5.37	5.38	5.48
2100-	5.64	5.98	6.02	6.09	6.41	6.47	6.44	6.18	6.53	6.57	6.23
2200-	6.76	6.68	6.42	6.19	3.98	2.72	1.77	1.61	1.14	0.76	3.80
2300-	1.57	1.40	2.55	2.83	2.29	2.93	1.84	1.66	2.55	2.24	2.19

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 119
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 121

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.79	5.79	
Std Deviation	1.607	1.607	
Variance	2.583	2.583	
Number	121	121	

EMISSIONS FOR 05024

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.57	1.63	3.39	4.48	4.56	4.84	4.87	4.10	5.17	3.84
0100-	4.77	4.45	3.61	3.12	2.85	2.27	2.09	2.21	2.21	2.41	3.00
0200-	1.90	3.13	2.08	1.67	1.75	1.49	1.24	1.21	1.33	1.45	1.73
0300-	3.33	2.70	3.24	2.33	2.10	2.10	2.17	2.17	1.97	1.83	2.39
0400-	1.15	1.00	1.02	0.96	0.92	0.86	0.94	2.14	4.30	2.86	1.62
0500-	2.06	1.54	1.88	2.21	1.67	1.28	1.03	1.20	2.53	2.00	1.74
0600-	2.14	1.73	1.75	1.65	2.25	2.08	2.25	2.61	1.71	1.95	2.01
0700-	2.41	5.60	5.86	6.15	6.20	6.16	6.63	7.46	6.94	7.32	6.07
0800-	8.24	8.40	8.94	8.55	7.24	6.85	7.35	9.42	8.50	7.49	8.10
0900-	4.21	6.66	7.79	7.58	7.41	7.55	7.64	8.47	9.34	8.22	7.49
1000-	9.35	8.10	8.18	8.42	7.47	8.29	7.99	7.69	7.47	7.05	8.00
1100-	7.90	8.69	7.34	7.80	7.57	7.48	7.89	8.33	9.39	9.04	8.14
1200-	8.38	8.87	8.25	8.11	7.85	7.40	7.95	9.26	9.37	9.10	8.46
1300-	8.74	8.76	8.91	8.86	8.72	8.41	8.00	8.45	6.39	6.23	8.15
1400-	6.42	6.58	4.21	5.97	6.23	5.68	4.36	3.24	2.35	2.44	4.75
1500-	2.40	2.30	2.32	2.32	2.47	2.34	2.33	2.31	2.35	2.35	2.35
1600-	2.41	2.43	2.15	1.90	1.92	2.83	3.66	3.73	4.59	5.37	3.10
1700-	6.14	6.79	6.75	6.65	6.76	7.34	9.07	4.45	4.73	5.57	6.43
1800-	5.87	5.56	5.01	3.74	3.78	3.98	5.43	5.88	7.52	7.92	5.47
1900-	8.82	9.79	9.67	9.92	10.44	10.32	9.81	9.42	10.58	10.20	9.90
2000-	10.33	11.75	11.35	11.70	11.21	11.02	10.42	10.86	10.21	9.76	10.86
2100-	9.24	9.46	10.52	11.18	10.81	11.93	12.62	11.18	11.70	12.36	11.10
2200-	10.40	9.56	10.83	10.18	11.11	10.53	9.51	8.94	8.49	8.85	9.84
2300-	9.47	10.92	10.85	9.90	10.03	10.48	9.59	8.64	8.56	8.85	9.73

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.02	6.02	
Std Deviation	3.317	3.317	
Variance	11.001	11.001	
Number	239	239	

EMISSIONS FOR 05022

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.26	3.66	2.77	2.01	2.09	2.43	2.53	2.31	2.14	2.69
0100-	2.46	2.20	2.06	2.42	2.35	2.60	2.59	2.64	2.60	2.35	2.43
0200-	2.50	2.39	2.14	2.81	2.93	2.41	2.23	2.13	1.80	2.50	2.39
0300-	1.34	1.89	2.36	1.26	1.58	1.85	1.92	2.21	3.11	2.84	2.04
0400-	2.69	2.66	2.90	2.50	3.15	3.17	3.00	2.88	2.41	2.13	2.75
0500-	2.81	2.55	2.53	2.36	1.89	1.82	1.65	3.29	2.55	3.53	2.50
0600-	2.29	1.94	2.79	2.23	2.68	3.70	2.95	2.13	2.31	2.21	2.52
0700-	2.51	3.11	2.77	3.59	4.56	3.74	3.97	2.11	2.48	2.68	3.15
0800-	3.72	3.40	4.26	2.96	2.98	2.56	2.84	2.69	3.26	3.72	3.24
0900-	2.07	5.45	4.53	8.73	9.55	9.85	10.41	9.87	10.06	10.57	8.11
1000-	10.71	10.73	11.57	12.10	12.06	12.22	12.39	11.37	10.87	12.15	11.62
1100-	11.63	10.65	10.61	10.79	9.88	9.78	7.23	3.68	3.29	2.66	8.02
1200-	2.92	3.17	2.98	2.59	4.01	3.07	2.36	2.49	2.26	2.59	2.84
1300-	2.68	2.72	2.92	3.19	2.53	3.21	3.27	2.84	2.85	3.35	2.96
1400-	2.81	2.58	2.81	2.84	4.36	3.33	3.36	2.73	2.74	2.51	3.01
1500-	2.69	2.05	2.61	3.71	2.79	1.74	2.13	2.70	2.40	2.26	2.51
1600-	2.91	5.35	5.90	2.79	1.89	2.25	2.11	2.63	2.37	2.50	3.07
1700-	2.39	2.40	1.85	2.06	2.64	4.04	2.48	2.12	2.42	2.47	2.49
1800-	3.05	3.08	3.46	2.92	3.39	3.47	4.46	4.82	7.54	5.37	4.16
1900-	3.60	3.73	3.73	3.95	4.57	4.44	3.65	4.68	4.35	2.89	3.96
2000-	2.88	2.34	2.77	2.18	2.25	3.45	3.67	2.50	1.93	2.03	2.60
2100-	3.21	3.28	2.89	2.18	2.04	2.15	2.22	1.85	1.61	2.19	2.36
2200-	3.19	5.14	6.06	5.80	4.02	6.73	5.61	4.72	8.67	9.69	5.96
2300-	6.63	7.68	7.22	9.30	9.93	9.87	10.47	9.76	10.00	8.79	8.97

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====

NOx in pounds per ton of clinker produced

=====

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
=====			
Average	4.02	4.01	4.02
Std Deviation	2.777	---	2.777
Variance	7.714	---	7.714
Number	239	239	239
=====			

EMISSIONS FOR 05021

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.37	2.94	5.54	2.80	3.40	3.97	3.64	2.89	3.57	3.57
0100-	3.39	2.59	2.99	2.79	2.21	1.93	2.09	2.76	3.96	3.89	2.86
0200-	2.76	3.00	2.45	3.09	4.12	2.93	2.69	2.83	2.55	2.85	2.93
0300-	2.84	2.81	2.99	2.85	2.70	3.03	3.21	3.20	3.21	3.01	2.99
0400-	2.89	2.86	2.96	3.16	3.12	2.99	3.20	3.07	3.08	2.79	3.01
0500-	2.65	3.05	2.87	2.77	2.86	2.96	3.10	2.96	3.12	3.42	2.97
0600-	3.31	3.08	3.22	3.01	3.62	4.38	4.68	4.92	4.28	4.57	3.91
0700-	5.01	5.21	5.33	5.38	5.94	5.86	5.78	5.26	5.59	5.24	5.46
0800-	4.96	4.89	4.97	5.53	6.10	5.63	5.53	5.88	7.28	8.27	5.90
0900-	3.73	8.85	6.92	4.02	6.36	5.87	6.83	7.16	8.51	8.37	6.66
1000-	7.47	7.75	6.43	5.56	4.08	6.17	7.80	6.05	5.67	4.18	6.12
1100-	5.60	7.25	5.12	7.21	6.41	6.25	5.76	6.61	8.20	7.10	6.55
1200-	5.12	4.18	4.98	5.73	5.80	5.57	4.25	5.08	5.04	4.98	5.07
1300-	6.52	5.96	5.73	5.31	7.45	11.50	10.51	7.83	6.50	5.10	7.24
1400-	3.96	9.77	6.25	3.99	5.11	5.89	4.87	4.77	5.34	4.94	5.49
1500-	4.77	3.60	4.42	3.54	4.00	3.58	4.00	2.86	4.11	3.78	3.87
1600-	3.81	3.85	3.52	3.94	4.27	4.06	3.92	3.76	3.74	3.69	3.86
1700-	3.37	3.91	2.73	0.72	0.83	3.05	4.44	3.99	2.80	3.22	2.91
1800-	3.76	3.92	3.58	3.60	2.84	3.75	3.43	3.59	3.75	3.60	3.58
1900-	2.88	2.66	4.16	4.54	4.62	3.16	3.87	3.82	1.43	1.05	3.22
2000-	1.72	3.35	3.41	3.85	3.03	2.43	4.55	6.83	2.96	2.48	3.46
2100-	2.26	1.69	1.95	1.99	2.10	2.37	2.31	2.12	2.87	1.91	2.16
2200-	2.32	2.67	2.23	2.39	2.98	2.98	2.97	2.69	3.06	3.07	2.74
2300-	3.64	3.26	3.09	3.34	3.51	4.05	3.78	3.23	2.74	3.00	3.36

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====				=====			
NOx in pounds per ton of clinker produced							
=====				=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph					
=====		=====		=====		=====	
Arithmetic	Weighted			Arithmetic			
=====		=====		=====		=====	
Average	4.16	4.00		4.16			
Std Deviation	1.725	---		1.725			
Variance	2.975	---		2.975			
Number	239	239		239			
=====				=====			

EMISSIONS FOR 05020

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.65	8.59	8.31	8.32	8.00	8.16	8.46	7.97	7.98	8.27
0100-	7.72	7.38	7.51	8.02	7.64	7.03	7.38	6.94	7.19	7.08	7.39
0200-	7.04	7.15	6.68	6.80	7.43	7.60	7.40	7.30	7.20	6.84	7.14
0300-	6.96	7.02	6.63	6.83	7.21	6.83	6.42	6.10	5.69	5.76	6.55
0400-	6.24	6.06	5.92	6.08	6.16	6.13	6.24	6.27	6.30	6.06	6.15
0500-	6.53	6.62	6.29	5.28	5.57	6.25	6.25	6.44	5.28	3.92	5.84
0600-	7.92	8.72	8.65	8.25	7.95	6.76	6.60	6.94	6.54	7.44	7.58
0700-	4.59	4.48	7.03	6.61	7.28	8.04	8.61	8.02	7.61	7.43	6.97
0800-	6.65	6.48	6.75	6.41	6.60	7.36	7.01	7.17	7.66	6.95	6.91
0900-	3.65	7.23	7.25	7.27	7.49	7.84	7.99	7.85	7.85	8.12	7.25
1000-	7.93	7.69	7.41	7.55	7.81	7.51	7.64	7.55	7.60	7.78	7.65
1100-	7.69	7.65	7.57	6.93	6.76	7.52	7.25	7.15	6.77	6.92	7.22
1200-	6.61	6.62	6.68	6.81	5.99	5.94	4.95	3.38	3.63	3.15	5.38
1300-	2.27	2.20	4.22	3.07	4.45	3.29	4.11	3.95	4.15	3.81	3.55
1400-	4.62	3.66	2.87	4.56	3.21	3.43	4.13	4.44	3.53	3.98	3.84
1500-	4.00	2.99	2.07	3.03	4.24	5.22	6.48	5.23	5.46	5.00	4.37
1600-	4.11	4.48	4.09	3.23	4.75	4.28	6.29	6.60	6.84	4.95	4.96
1700-	5.45	6.51	6.08	3.47	5.11	4.84	3.40	3.73	3.24	3.46	4.53
1800-	3.33	3.47	3.36	4.67	3.22	2.64	3.98	4.00	4.67	7.40	4.07
1900-	6.80	4.36	3.21	7.16	7.18	7.63	4.92	3.71	4.68	6.33	5.60
2000-	6.24	6.47	4.94	8.75	7.09	2.58	1.69	4.01	3.19	4.71	4.97
2100-	4.53	4.42	3.78	4.42	3.25	3.21	2.93	3.08	5.04	3.64	3.83
2200-	3.39	4.80	3.48	3.05	2.73	2.81	2.89	3.04	2.68	3.48	3.23
2300-	3.52	3.06	2.61	3.71	7.07	7.32	6.53	7.06	3.85	3.19	4.79

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.74	5.69	5.74
Std Deviation	1.803	---	1.803
Variance	3.250	---	3.250
Number	239	239	239

EMISSIONS FOR 05019

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	7.99	8.25	7.66	7.84	7.82	7.91
1200-	7.59	7.48	5.72	4.47	3.08	5.32	6.18	5.53	5.87	6.07	5.73
1300-	5.01	5.08	4.92	4.29	3.63	5.24	4.59	5.38	6.14	5.34	4.96
1400-	5.20	4.82	3.48	4.92	4.81	4.49	4.89	4.83	4.29	3.89	4.56
1500-	4.56	4.04	3.90	3.67	4.15	3.75	3.59	3.00	2.83	3.17	3.67
1600-	3.47	2.79	3.40	3.71	2.27	2.19	3.19	3.35	4.47	5.41	3.43
1700-	5.35	5.38	5.73	5.82	3.10	3.60	4.84	2.37	3.72	3.90	4.38
1800-	4.11	4.47	4.03	4.07	4.54	4.42	4.78	4.81	5.05	5.19	4.55
1900-	4.81	3.35	2.88	2.72	2.32	4.18	3.99	3.96	4.22	4.13	3.65
2000-	4.12	4.02	4.39	2.40	3.25	4.49	4.43	4.71	4.36	4.15	4.03
2100-	4.71	4.84	2.97	3.54	4.49	4.54	4.98	5.34	5.33	5.66	4.64
2200-	5.93	6.01	6.01	6.17	6.60	7.20	8.38	9.00	8.88	6.24	7.04
2300-	5.02	5.55	4.92	3.38	6.73	8.47	7.29	8.58	9.74	9.61	6.93

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 115
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 125

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.92	4.92	
Std Deviation	1.621	1.621	
Variance	2.629	2.629	
Number	125	125	

EMISSIONS FOR 05018

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.84	6.28	6.46	6.40	6.53	6.57	6.73	6.18	6.47	6.49
0100-	6.18	5.41	5.40	5.53	5.47	5.51	5.39	5.14	5.25	5.82	5.51
0200-	5.36	5.00	5.50	5.00	5.38	5.68	5.76	5.43	7.60	6.86	5.76
0300-	7.66	6.76	4.34	8.20	8.13	8.40	8.10	7.83	8.22	8.13	7.58
0400-	7.86	8.00	7.63	7.84	8.59	8.17	7.89	7.88	7.59	7.56	7.90
0500-	7.71	7.86	8.15	7.93	7.13	6.56	6.65	6.70	6.12	4.00	6.88
0600-	4.72	5.00	5.28	11.95	(4)	(4)	(4)	(4)	(4)	(4)	6.74
0700-	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(1)
0800-	(4)	(4)	(4)	*	3.02*52.59*55.39*68.29*56.64				1.34	1.49	34.11
0900-	(4)	(4)	16.00	3.49	3.89	3.65	3.73	3.71	5.04	5.02	5.57
1000-	4.43	3.99	3.74	4.11	4.33	5.38	4.91	5.68	4.79	4.74	4.61
1100-	4.72	5.86	5.07	4.38	(1)	(1)	(1)	(1)	(1)	(1)	5.01
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 5
 (1) No value taken or data not retrievable : 127
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 21
 All other observations : 87

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.38	9.12	6.15
Std Deviation	10.939	---	2.000
Variance	119.657	---	4.001
Number	92	92	87

EMISSIONS FOR 05017

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	6.30	6.91	6.39	4.64	4.21	6.24	7.38	7.07	6.41	6.17
1000-	7.90	7.63	7.36	7.28	7.38	7.35	6.74	6.92	5.21	4.91	6.87
1100-	5.33	6.16	5.40	4.61	4.61	4.26	4.12	3.16	3.78	4.64	4.61
1200-	5.63	4.18	4.27	6.37	5.30	4.12	3.89	4.39	4.49	4.55	4.72
1300-	3.16	3.83	3.94	3.85	3.93	3.84	3.76	3.79	3.60	3.68	3.74
1400-	3.74	3.79	3.83	3.80	3.87	3.76	4.26	4.26	4.37	4.65	4.03
1500-	(1)	4.50	3.25	4.44	4.01	2.01	1.55	2.69	3.00	1.46	2.99
1600-	2.43	1.68	1.52	2.30	2.52	4.67	3.91	4.87	3.08	7.40	3.44
1700-	6.10	4.30	2.57	4.67	4.54	3.76	2.85	3.10	2.61	2.40	3.69
1800-	1.57	2.66	3.19	3.93	5.17	4.81	4.75	4.79	4.64	4.67	4.02
1900-	5.03	5.31	5.20	5.09	4.90	4.38	2.89	1.66	1.33	1.28	3.71
2000-	1.65	2.09	1.14	2.15	2.14	2.56	2.56	2.79	1.78	1.27	2.01
2100-	0.88	0.89	0.84	2.95	2.61	4.02	4.43	4.60	4.40	4.24	2.99
2200-	4.73	4.74	4.50	4.27	4.32	4.73	4.66	5.31	4.16	5.26	4.67
2300-	5.56	5.75	5.33	4.95	5.54	6.45	7.26	7.16	6.77	6.47	6.12

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 92
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 148

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.25 4.25
 1.642 ---
 2.695 ---
 148 148

4.25
 1.642
 2.695
 148

EMISSIONS FOR 05016

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	4.75	4.87	4.87	4.60	4.64	4.65	4.55	4.57	4.92	4.86	4.73
1200-	4.96	5.15	5.28	5.97	6.34	5.37	5.18	4.73	4.31	4.23	5.15
1300-	4.15	4.21	4.18	4.06	4.07	4.08	3.82	3.91	4.09	4.07	4.07
1400-	4.15	4.29	4.40	4.36	4.45	4.64	4.65	4.77	5.16	5.76	4.66
1500-	5.67	6.55	6.82	5.47	6.19	6.38	5.75	5.58	5.34	5.17	5.89
1600-	5.00	4.08	4.71	5.37	5.94	6.03	6.68	6.97	6.11	6.17	5.71
1700-	6.49	6.77	7.61	7.29	6.72	6.66	6.30	6.48	6.21	5.63	6.62
1800-	6.64	6.82	5.54	6.10	6.32	6.37	6.11	6.09	6.03	5.89	6.19
1900-	5.51	6.38	6.12	5.84	5.43	5.29	5.08	4.98	4.87	4.53	5.40
2000-	4.53	4.53	4.86	4.78	4.82	4.81	4.65	4.83	4.99	4.64	4.74
2100-	4.94	5.27	5.66	5.94	6.57	6.40	6.03	4.98	5.76	5.66	5.72
2200-	5.16	4.82	4.79	4.62	4.57	4.45	4.33	4.50	3.94	4.34	4.55
2300-	4.46	4.48	4.65	5.12	5.68	6.29	5.46	5.64	5.90	5.74	5.34

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 110
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 130

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.29	5.29	
Std Deviation	0.857	0.857	
Variance	0.734	0.734	
Number	130	130	

EMISSIONS FOR 05015

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	6.19	5.13	0.62	(1)	(1)	(1)	(1)	3.98
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 237
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 3

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	3.98	3.98	
Std Deviation	2.961	2.961	
Variance	8.770	8.770	
Number	3	3	

EMISSIONS FOR 05014

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	4.91	4.73	5.30	5.17	5.17	5.17	5.14	5.42	5.13
1700-	5.42	5.27	5.58	5.64	5.76	5.79	5.74	5.69	5.99	6.76	5.76
1800-	6.50	6.48	7.34	7.22	7.43	7.69	7.55	7.36	8.19	7.80	7.36
1900-	8.15	7.67	7.18	6.81	6.45	6.07	5.62	5.62	5.44	5.37	6.44
2000-	5.73	5.86	5.93	6.18	6.34	6.20	6.00	5.95	5.93	5.83	5.99
2100-	5.78	5.84	5.66	5.22	5.08	4.95	4.82	4.74	4.86	4.79	5.17
2200-	4.80	4.61	4.78	5.23	5.14	5.23	5.17	5.21	5.72	6.80	5.27
2300-	7.08	7.39	7.67	7.86	8.03	7.77	7.99	7.77	7.26	6.55	7.54

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 162
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 78

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.11 6.14
 1.035 ---
 1.070 ---
 78 78

=====

6.11
 1.035
 1.070
 78

=====

EMISSIONS FOR 05013

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05012

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05011

HOURLY	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05010

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05009

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05008

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 05007

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05006

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05005

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	10.65	11.22	10.60	9.88	10.50	10.70	10.21	10.14	9.01		10.32
0100-	9.86	10.96	10.87	10.31	10.84	9.74	9.11	9.66	9.34	9.67		10.04
0200-	9.80	10.18	9.50	9.60	9.56	9.35	8.60	9.41	7.99	8.59		9.26
0300-	7.80	7.05	6.61	6.90	6.86	6.67	6.70	5.99	5.77	5.38		6.57
0400-	5.07	4.59	4.05	3.90	3.91	3.75	3.54	3.30	3.19	2.89		3.82
0500-	2.76	2.74	3.24	3.46	3.57	3.65	3.75	3.57	3.52	4.03		3.43
0600-	4.41	4.53	4.31	3.59	4.06	4.38	4.25	4.40	4.61	4.64		4.32
0700-	4.30	4.69	4.97	4.26	3.92	3.31	3.19	2.93	3.06	3.09		3.77
0800-	3.01	3.11	3.04	2.95	2.92	2.94	2.94	2.88	2.94	2.92		2.97
0900-	2.02	3.16	2.98	3.06	3.01	3.08	3.34	3.34	3.46	3.35		3.08
1000-	3.36	3.32	3.01	2.65	2.26	2.16	1.87	2.27	2.46	2.81		2.62
1100-	2.68	2.23	2.32	2.72	3.07	2.71	3.11	2.62	2.71	3.32		2.75
1200-	3.12	3.05	2.79	2.66	2.44	2.32	2.19	1.99	2.93	3.52		2.70
1300-	3.33	3.32	2.86	3.63	3.17	3.39	3.71	3.74	3.69	3.59		3.44
1400-	3.85	3.87	3.94	4.67	4.58	4.68	4.64	4.63	4.89	4.76		4.45
1500-	4.99	5.35	5.51	5.26	5.69	5.71	5.49	5.56	5.73	5.76		5.51
1600-	5.44	5.74	4.99	5.28	4.51	4.62	4.29	4.29	4.59	4.11		4.79
1700-	4.10	4.66	4.48	4.45	4.90	4.57	3.59	3.75	4.15	3.20		4.18
1800-	3.79	3.87	4.11	3.76	3.62	3.66	3.87	3.24	2.88	3.01		3.58
1900-	4.13	4.53	4.20	4.05	3.23	3.29	3.92	4.17	4.40	4.37		4.03
2000-	4.01	3.97	5.46	6.05	6.00	5.68	5.09	4.88	4.89	3.95		5.00
2100-	3.75	4.30	4.05	4.75	4.44	4.29	4.09	4.17	4.31	4.51		4.27
2200-	4.57	4.53	4.81	4.92	4.91	5.04	4.63	4.61	4.94	5.71		4.87
2300-	5.84	6.52	6.71	6.69	6.37	6.53	6.74	5.39	5.40	5.47		6.17

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====				=====			
NOx in pounds per ton of clinker produced							
=====				=====			
ALL NON-ZERO DATA				KILN SPEED > 20 rph			
=====		=====					
Arithmetic	Weighted			Arithmetic			
=====	=====			=====			
Average	4.81	4.79		4.81			
Std Deviation	2.193	---		2.193			
Variance	4.807	---		4.807			
Number	239	239		239			
=====				=====			

EMISSIONS FOR 05004

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	1.08	1.32	1.69	1.73	1.71	1.61	1.52	1.51	1.52	1.68	1.54
1700-	1.68	1.90	2.27	1.98	1.60	1.30	1.27*	1.57*8	1.56*19	7.3	11.49
1800-	1.59	1.44	2.03	1.88	2.17	2.64	3.32	4.85	5.31	5.90	3.11
1900-	5.23	5.32	4.64	4.04	4.25	3.97	4.23	4.07	4.27	4.11	4.41
2000-	3.60	2.99	2.64	3.60	3.90	2.88	0.99	1.83	2.07	2.41	2.69
2100-	2.63	3.06	4.22	5.11	4.67	4.63	5.23	7.64	8.54	9.22	5.50
2200-	9.86	9.70	9.57	9.80	8.80	7.81	7.78	7.74	7.20	8.87	8.71
2300-	8.41	6.67	8.89	9.49	9.29	9.51	10.05	10.23	11.09	10.65	9.43

* Kiln Speed less than or equal to 20 RPH : 3
 (1) No value taken or data not retrievable : 160
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 77

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.86	4.72	4.75
Std Deviation	9.250	---	3.085
Variance	85.563	---	9.517
Number	80	80	77

EMISSIONS FOR 05003

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05002

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05001

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04365

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 04364

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 04363

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.00	6.01	5.66	5.73	3.79	3.52	2.92	2.39	2.28	4.25
0100-	2.21	2.04	1.90	2.11	3.56	3.04	2.65	3.55	4.19	4.30	2.96
0200-	4.29	4.60	53.88	5.24	5.57	7.81	6.59	5.85	6.34	8.10	10.83
0300-	8.18	7.73	6.91	5.81	5.93	6.18	5.78	5.66	5.80	5.76	6.37
0400-	5.76	5.42	14.30	4.23	4.49	5.34	5.71	6.15	6.05	5.77	6.32
0500-	5.83	6.35	6.18	6.38	6.90	6.89	6.57	6.97	7.52	6.97	6.66
0600-	7.23	7.88	7.24	7.99	8.08	7.68	8.02	8.17	7.58	8.11	7.80
0700-	8.04	7.74	8.07	7.87	7.32	7.16	6.66	6.54	6.49	6.61	7.25
0800-	6.69	6.14	1.93	6.08	7.68	7.70	9.28	9.60	8.65	8.79	7.25
0900-	3.62	7.18	6.08	7.71	6.49	7.56	7.39	7.10	7.75	8.09	6.90
1000-	8.15	8.90	8.32	8.28	8.08	7.01	5.90	5.05	4.80	5.18	6.97
1100-	5.76	6.32	6.48	6.66	6.31	5.72	5.34	4.89	6.07	6.15	5.97
1200-	6.65	7.25	7.61	6.32	6.87	7.11	11.87	(4)	9.39	12.66	8.41
1300-	11.28	10.40	10.77	8.44	7.82	10.16	11.08	10.18	9.29	6.30	9.57
1400-	6.22	8.03	8.75	7.21	5.78	5.00	4.45	9.02	11.73	13.69	7.99
1500-	14.28	13.05	10.30	9.16	7.96	5.60	5.09	5.18	5.01	5.56	8.12
1600-	15.20	12.54	10.07	8.36	7.00	9.45	10.79	8.89	7.92	7.73	9.79
1700-	7.41	7.27	6.66	5.83	6.21	5.56	5.43	5.53	5.90	6.51	6.23
1800-	6.81	6.62	6.33	5.80	6.25	6.08	6.28	6.55	6.58	6.52	6.38
1900-	6.47	7.03	6.85	7.24	7.46	7.80	7.27	7.27	7.67	7.85	7.29
2000-	8.29	8.82	8.44	8.58	8.80	9.09	9.52	10.36	9.97	10.96	9.28
2100-	11.43	10.96	10.81	10.80	10.06	9.75	9.65	9.16	9.03	9.04	10.07
2200-	8.44	8.34	8.07	8.26	8.10	8.50	8.38	8.24	8.01	7.94	8.23
2300-	8.27	8.48	8.45	8.34	7.98	7.55	7.35	7.24	7.33	7.30	7.83

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 238

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.46	7.46	
Std Deviation	3.748	3.748	
Variance	14.050	14.050	
Number	238	238	

EMISSIONS FOR 04362

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.54	4.72	5.10	5.00	4.83	4.97	4.92	5.06	5.31	4.94
0100-	5.56	5.58	5.47	5.24	5.10	5.05	4.63	4.47	4.56	4.44	5.01
0200-	4.48	4.60	4.57	4.65	5.07	4.67	4.71	5.36	5.14	5.67	4.89
0300-	5.54	5.24	5.05	4.80	4.91	4.51	4.44	4.08	3.95	3.79	4.63
0400-	3.53	3.81	4.03	4.11	4.38	4.84	4.91	5.51	5.37	5.55	4.60
0500-	5.30	5.49	5.10	4.76	4.58	4.26	3.61	2.95	4.57	4.43	4.50
0600-	4.09	4.01	3.85	4.12	4.25	1.96	2.27	2.26	2.22	2.55	3.16
0700-	2.58	2.52	2.42	2.36	2.35	2.35	4.09	5.01	4.66	5.47	3.38
0800-	6.76	6.65	6.98	6.58	6.73	6.40	6.12	7.08	6.48	6.15	6.59
0900-	3.04	5.91	5.72	6.19	6.86	6.84	6.49	6.64	6.45	6.39	6.05
1000-	7.03	7.11	6.99	6.96	6.80	6.95	6.82	7.49	7.11	7.14	7.04
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 131
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 109

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	4.98	5.47
Std Deviation	1.348	---
Variance	1.817	---
Number	109	109

EMISSIONS FOR 04361

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	5.83	6.06	6.64	8.16	9.29	7.20
1200-	6.07	7.65	9.65	9.72	10.33	11.98	12.70	14.76	13.17	13.84	10.99
1300-	8.25	2.39	4.01	8.37	10.02	12.41	12.42	12.86	10.81	8.81	9.04
1400-	10.49	11.23	12.06	13.23	13.20	12.99	13.38	13.51	13.12	12.94	12.61
1500-	13.53	14.21	12.80	12.47	13.29	11.99	12.15	12.49	12.72	12.01	12.77
1600-	11.31	10.63	9.72	8.52	7.59	7.22	7.16	7.02	6.84	6.38	8.24
1700-	6.27	5.76	5.32	5.05	4.96	4.68	4.64	4.78	5.03	5.18	5.17
1800-	5.27	4.79	8.92	5.08	5.34	5.21	5.39	5.31	5.04	4.87	5.52
1900-	4.52	4.44	4.42	4.34	4.49	4.58	4.61	4.66	4.95	4.98	4.60
2000-	4.86	4.94	4.96	5.23	5.60	5.64	5.30	5.05	5.27	5.33	5.22
2100-	5.49	5.67	5.47	5.12	4.48	3.55	3.06	2.40	3.71	4.90	4.38
2200-	4.90	5.02	5.41	5.71	5.73	5.56	5.49	5.62	5.28	5.17	5.39
2300-	5.02	4.81	4.87	4.89	5.20	5.34	5.11	5.36	5.06	5.36	5.10

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 115
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 125

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	7.41	6.81	7.41
Std Deviation	3.335	---	3.335
Variance	11.122	---	11.122
Number	125	125	125
=====			

EMISSIONS FOR 04360

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.09	4.34	4.61	4.47	4.40	4.85	4.77	4.46	4.52	4.50
0100-	4.69	4.39	4.41	4.01	3.82	3.67	3.84	3.97	4.41	4.21	4.14
0200-	4.17	4.14	4.33	4.41	4.35	4.45	4.63	4.49	4.59	4.45	4.40
0300-	4.40	4.53	3.27	3.42	3.72	3.71	3.77	3.77	4.22	4.14	3.89
0400-	4.03	3.98	3.94	3.84	4.17	4.03	4.08	4.06	4.05	4.00	4.02
0500-	3.92	4.11	3.91	3.95	3.69	3.66	3.29	3.31	3.50	3.35	3.67
0600-	3.30	3.34	3.52	3.62	3.62	3.56	3.47	3.51	3.52	3.48	3.49
0700-	3.86	3.82	3.78	3.77	3.93	4.57	4.87	5.36	5.35	5.13	4.44
0800-	4.62	5.24	6.98	5.37	5.47	6.29	7.66	7.74	7.13	5.27	6.18
0900-	3.65	6.83	6.70	6.23	5.25	5.21	4.93	4.63	4.47	4.36	5.22
1000-	4.17	4.56	4.89	4.43	4.24	4.14	4.13	4.32	4.55	4.50	4.39
1100-	4.52	4.45	4.59	4.19	5.51	5.61	5.32	5.31	5.51	6.18	5.12
1200-	6.06	5.99	5.88	6.42	7.35	7.44	6.87	6.51	6.37	6.37	6.53
1300-	6.15	6.36	5.64	5.94	5.48	5.52	5.92	5.68	5.15	5.41	5.73
1400-	6.08	6.70	6.91	4.80	4.16	4.84	4.67	6.71	7.71	7.70	6.03
1500-	8.00	7.54	7.36	7.26	7.87	6.48	6.68	6.83	6.40	7.16	7.16
1600-	7.65	7.21	6.69	6.50	6.27	6.24	6.58	6.47	7.04	6.89	6.75
1700-	7.03	6.76	7.02	6.12	6.30	6.06	6.46	5.92	5.25	6.89	6.38
1800-	6.02	5.33	5.12	4.72	5.68	5.13	5.03	4.44	4.29	4.07	4.98
1900-	4.19	4.06	4.01	3.76	3.81	3.82	3.84	3.83	3.87	3.86	3.91
2000-	3.61	3.65	3.69	4.01	3.95	3.79	3.99	4.11	3.97	4.01	3.88
2100-	3.62	3.51	3.64	3.95	3.95	3.97	3.74	3.75	3.60	3.09	3.68
2200-	3.11	2.72	2.94	4.77	5.49	7.11	8.04	6.12	5.17	5.94	5.14
2300-	6.14	6.57	6.72	7.08	7.53	6.70	7.07	7.26	7.46	7.56	7.01

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.03	5.03	
Std Deviation	1.314	1.314	
Variance	1.726	1.726	
Number	239	239	

EMISSIONS FOR 04359

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.84	6.61	5.92	6.07	5.73	5.46	5.33	4.99	4.59	5.73
0100-	4.38	4.15	4.19	4.02	3.78	3.89	3.77	4.15	4.42	3.52	4.03
0200-	4.87	4.57	3.97	3.80	3.17	3.15	3.36	3.94	4.24	3.32	3.84
0300-	4.06	3.55	4.33	3.81	3.87	4.44	4.94	5.12	5.10	5.10	4.43
0400-	4.80	5.30	4.99	4.81	4.94	5.22	5.60	5.69	6.11	6.58	5.41
0500-	6.22	7.17	6.76	6.71	6.27	5.30	5.24	4.18	4.13	4.44	5.64
0600-	5.41	5.40	5.37	5.07	4.03	4.00	4.87	5.01	5.66	5.92	5.07
0700-	5.70	5.78	6.19	6.33	5.36	5.09	5.79	5.62	5.58	5.63	5.71
0800-	5.56	5.83	5.76	5.57	5.68	5.42	5.87	5.48	5.55	6.16	5.69
0900-	3.52	5.21	5.74	4.77	5.26	5.47	5.25	5.25	4.06	5.20	4.97
1000-	5.59	6.15	6.01	5.90	4.20	4.91	5.23	5.43	4.30	4.57	5.23
1100-	4.59	5.52	5.38	5.79	6.12	6.07	6.04	6.22	6.21	6.52	5.85
1200-	6.15	5.95	6.19	6.48	6.27	5.90	5.49	5.27	5.11	4.97	5.78
1300-	5.37	5.12	5.03	4.74	4.42	4.56	4.61	4.98	4.88	4.44	4.81
1400-	4.02	3.77	4.20	4.81	4.51	5.14	5.62	4.63	5.04	5.27	4.70
1500-	4.76	5.14	5.16	5.50	8.14	8.33	7.69	8.34	8.75	8.47	7.03
1600-	8.08	7.60	6.94	6.18	7.32	7.15	6.66	7.47	7.98	8.58	7.40
1700-	7.45	6.69	6.75	6.64	6.44	6.27	6.36	6.53	6.65	6.03	6.58
1800-	6.00	6.16	6.18	6.09	6.13	6.40	6.03	6.06	5.35	5.37	5.98
1900-	4.93	5.51	5.11	5.37	5.80	5.82	5.65	5.90	5.86	5.88	5.58
2000-	5.16	4.99	5.04	5.08	4.86	4.82	4.58	4.29	4.35	4.05	4.72
2100-	4.14	4.78	4.34	4.28	4.62	4.49	4.84	4.78	5.09	5.10	4.65
2200-	5.09	5.17	4.86	4.77	4.97	4.78	4.47	4.41	4.62	4.45	4.76
2300-	4.42	4.40	4.43	4.35	4.40	4.46	4.34	4.29	4.28	4.24	4.36

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.33	5.28	5.33
Std Deviation	1.053	---	1.053
Variance	1.109	---	1.109
Number	239	239	239

EMISSIONS FOR 04358

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	16.62	9.02	3.38	12.27	14.42	15.99	15.81	14.99	17.51		13.33
0100-	18.26	19.08	16.70	13.80	11.90	9.81	9.95	10.58	12.42	16.90		13.94
0200-	18.89	17.95	16.81	16.84	16.12	12.05	14.12	17.13	18.17	17.00		16.51
0300-	16.07	12.49	12.94	15.22	17.09	16.77	16.60	16.13	16.24	15.84		15.54
0400-	15.05	14.06	13.83	13.68	13.10	13.50	14.02	13.72	11.99	13.64		13.66
0500-	14.05	13.82	13.56	13.55	12.87	13.52	14.27	13.05	13.03	13.22		13.50
0600-	11.22	11.31	12.04	10.47	11.89	11.41	10.92	10.79	8.30	6.22		10.46
0700-	6.27	6.08	6.69	5.64	6.07	6.56	5.82	5.51	6.23	6.70		6.16
0800-	6.94	6.67	6.42	6.22	5.89	5.68	5.54	5.77	6.22	6.95		6.23
0900-	3.34	6.13	6.18	6.76	6.65	6.77	6.73	7.06	6.96	7.02		6.36
1000-	7.09	7.19	6.96	6.87	6.40	6.91	6.66	7.30	7.59*	2.45		6.54
1100-*	3.00*	2.55*	2.70*	2.99*	4.22*	5.11	2.24	3.18	3.85	4.16		3.40
1200-	4.53	5.09	5.79	5.95	6.21	6.21	5.59	5.33	5.40	5.25		5.54
1300-	5.91	6.14	5.75	5.77	6.31	7.41	6.99	7.03	6.92	6.53		6.48
1400-	6.46	6.26	6.55	7.15	7.47	7.68	8.39	10.10	10.12	9.07		7.93
1500-	8.95	8.30	9.38	6.84	7.83	7.04	7.49	6.49	6.30	6.48		7.51
1600-	6.63	6.23	5.49	8.30	8.28	8.27	7.75	8.12	8.68	9.30		7.70
1700-	6.85	10.86	11.17	11.45	10.94	8.84	10.22	10.41	7.89	9.78		9.84
1800-	9.74	9.35	6.68	5.90	5.66	5.45	2.43	2.40	3.10	3.77		5.45
1900-	3.80	3.53	3.86	5.16	5.43	6.29	6.86	8.07	6.98	8.72		5.87
2000-	6.92	3.76	5.78	4.11	4.48	2.19	5.68	9.62	8.57	8.96		6.01
2100-	7.35	8.14	6.98	5.84	7.30	7.49	5.51	4.92	6.09	6.46		6.61
2200-	7.10	6.08	7.92	10.07	9.71	10.79	11.26	9.27	8.46	10.06		9.07
2300-	4.39	5.45	8.51	9.26	7.69	7.31	7.39	7.08	6.95	8.89		7.29

* Kiln Speed less than or equal to 20 RPH : 7
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 232

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.77	8.65	8.93
Std Deviation	3.975	---	3.913
Variance	15.797	---	15.313
Number	239	239	232

EMISSIONS FOR 04357

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	9.02	10.10	8.53	8.97	7.61	6.49	5.90	6.42	6.61	7.74
1100-	6.16	5.87	6.12	5.46	5.58	5.92	5.70	5.46	5.28	5.46	5.70
1200-	5.57	5.54	5.43	5.94	6.81	7.06	7.16	7.14	6.42	7.01	6.41
1300-	7.08	6.88	6.61	6.76	6.55	5.90	5.95	6.20	6.09	5.65	6.37
1400-	5.38	5.55	5.49	5.31	5.30	5.25	5.52	5.75	5.80	7.28	5.66
1500-	7.37	7.45	7.25	7.73	9.40	9.85	10.75*	12.50*	23.36*	12.45	10.81
1600-	5.73	7.41	10.25	9.54	10.19	8.32	7.96	8.53	9.19	11.26	8.84
1700-	11.73	10.11	2.61	3.37	4.61	5.55	5.76	7.21*	17.37*	22.81	9.11
1800-	7.04	6.49	6.40	5.69	6.10	7.23	7.63	8.33	7.89	8.29	7.11
1900-	8.44	8.72	8.87	10.25	11.39	12.52	11.92	10.54	2.63	5.78	9.11
2000-	9.75	10.39	11.35	11.07	10.03	10.07	11.25	14.12	15.18	15.60	11.88
2100-	15.65	14.92	13.58	7.82	8.50	8.89	9.80	13.52	11.96	14.99	11.96
2200-	15.60	17.74	19.59	21.58	21.64	17.18	14.55	12.18	9.73	7.24	15.70
2300-	8.12	16.77	18.65	16.44	16.56	15.07	17.82	17.40	20.50	21.36	16.87

* Kiln Speed less than or equal to 20 RPH : 5
 (1) No value taken or data not retrievable : 101
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 134

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	9.53	9.23	
Std Deviation	4.531	4.225	
Variance	20.530	17.851	
Number	139	134	

EMISSIONS FOR 04356

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 04355

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.08	4.86	4.84	4.94	4.68	4.29	4.63	4.71	4.40	4.71
0100-	5.28	5.28	4.75	5.07	5.38	5.46	5.79	6.07	6.41	7.20	5.67
0200-	8.23	8.90	9.40	9.75	10.21	10.11	10.36	11.05	11.11	11.22	10.03
0300-	11.09	10.19	10.12	10.77	10.64	10.60	10.36	9.47	9.59	11.33	10.42
0400-	3.60	2.53	2.48	2.61	2.41	2.44	2.58	2.58	2.61	3.15	2.70
0500-	2.23	2.66	2.55	2.34	2.33	2.23	2.38	2.29	2.31	2.32	2.36
0600-	2.25	2.29	2.18	2.18	2.12	2.06	3.49	4.22	5.29	6.08	3.22
0700-	6.61	6.55	6.88	6.74	(1)	(1)	(1)	(1)	(1)	(1)	6.70
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 167
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 73

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.66	5.66	
Std Deviation	3.173	3.173	
Variance	10.068	10.068	
Number	73	73	

EMISSIONS FOR 04354

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.17	9.17	9.17
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.12	7.09	9.72
0800-	9.71	10.02	10.10	10.18	10.50	10.50	10.47	10.48	8.12	10.10	10.12
0900-	10.11	10.23	10.02	10.05	10.43	9.87	9.99	10.04	(1)	(1)	9.27
1000-	10.21	10.01	9.52	8.68	8.79	9.06	8.91	8.99	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(4)	3.01	7.16	7.27	7.40	7.51	6.47
1700-	7.43	7.50	7.96	7.93	7.93	8.16	8.35	8.45	8.87	8.70	8.13
1800-	8.51	8.35	8.35	8.33	8.38	7.99	7.98	7.83	7.87	7.04	8.06
1900-	7.76	11.96	7.44	7.10	7.81	7.82	7.41	7.96	8.22	8.46	8.19
2000-	8.66	8.69	8.79	8.99	8.82	8.91	9.28	9.64	9.06	9.06	8.99
2100-	8.93	8.32	8.89	8.39	7.49	6.99	6.82	6.45	5.81	5.49	7.36
2200-	5.51	5.83	6.31	6.43	6.46	6.15	6.32	5.74	5.77	6.05	6.06
2300-	5.69	5.65	5.56	5.41	5.36	5.37	5.09	5.22	5.28	4.91	5.35

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 134
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 105

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.05	8.05	
Std Deviation	1.672	1.672	
Variance	2.797	2.797	
Number	105	105	

EMISSIONS FOR 04353

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.96	7.07	6.86	6.52	6.56	6.84	7.01	7.67	7.85	7.04
0100-	8.17	8.82	8.83	8.49	8.79	9.02	9.02	9.61	10.42	10.04	9.12
0200-	10.13	10.40	9.91	9.85	9.80	9.30	8.77	8.74	8.37	8.16	9.35
0300-	8.46	8.16	7.78	7.86	8.19	8.40	9.00	9.38	9.22	8.96	8.54
0400-	9.87	10.11	9.74	10.82	10.65	10.95	11.68	9.46	6.75	10.49	10.05
0500-	9.92	9.31	9.23	10.27	10.63	10.59	11.01	11.12	11.59	11.52	10.52
0600-	11.30	10.49	11.00	11.27	11.10	10.62	10.27	10.51	11.33	10.43	10.83
0700-	10.15	9.89	10.09	9.31	9.34	9.66	8.97	8.58	8.59	8.46	9.30
0800-	8.24	8.44	8.87	8.39	8.50	8.42	8.46	8.45	6.94	6.67	8.14
0900-	9.36	8.54	8.79	9.44	9.59	8.84	9.64	10.33	10.50	10.12	9.51
1000-	10.27	9.97	9.39	10.25	9.72	9.69	9.60	9.61	8.94	8.82	9.62
1100-	8.86	8.91	8.47	8.53	8.10	8.05	8.39	8.93	8.63	8.38	8.52
1200-	8.16	7.64	7.58	7.37	6.81	6.58	6.28	6.04	6.13	5.89	6.85
1300-	5.78	5.81	5.73	5.94	5.56	5.80	6.50	6.77	6.83	6.69	6.14
1400-	7.21	7.64	7.54	7.69	8.07	6.83	6.88	6.25	5.98	6.18	7.03
1500-	6.37	6.46	6.53	6.09	7.45	6.52	6.56	6.70	6.66	6.97	6.63
1600-	7.02	7.14	6.79	6.77	6.76	6.25	6.24	6.40	6.12	6.18	6.57
1700-	6.11	6.13	5.96	5.86	5.95	6.02	6.13	5.91	5.79	5.72	5.96
1800-	5.70	5.40	5.13	4.94	4.80	4.84	5.02	5.06	5.54	6.90	5.33
1900-	9.04	10.91	9.61	7.67	8.67	10.52	10.41	9.20	8.22	7.65	9.19
2000-	7.61	8.53	8.22	8.03	9.51	10.54	10.53	10.59	10.26	10.32	9.41
2100-	9.74	10.34	10.15	9.71	9.61	8.91	8.41	7.32	7.64	7.18	8.90
2200-	6.98	7.09	6.83	6.46	6.42	6.47	6.31	6.53	6.96	6.99	6.70
2300-	7.13	7.31	7.57	7.46	7.23	6.94	6.94	6.95	6.82	6.47	7.08

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	8.19	8.14	8.19
Std Deviation	1.687	---	1.687
Variance	2.847	---	2.847
Number	239	239	239
=====			

EMISSIONS FOR 04352

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	6.20	6.39	5.73	11.08	5.47	6.97
1000-	11.89	14.26	10.48	9.28	7.60	8.20	9.00	9.27	8.18	5.95	9.41
1100-	6.93	8.22	8.30	8.65	8.75	8.77	8.55	7.39	7.73	9.50	8.28
1200-	9.52	10.48	10.66	10.75	11.62	11.77	8.68	8.38	8.33	8.19	9.84
1300-	9.19	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.19
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.50	5.15	8.93	7.53
1500-	8.96	8.77	7.93	7.65	8.41	7.36	6.95	6.31	6.11	6.40	7.48
1600-	6.77	6.34	6.94	7.41	6.85	5.42	7.04	7.36	8.12	7.88	7.01
1700-	7.34	6.81	6.29	6.23	6.39	6.88	6.14	5.53	5.72	5.85	6.32
1800-	5.52	5.46	5.22	5.16	5.20	5.50	5.25	5.01	5.03	4.76	5.21
1900-	4.54	5.18	5.14	4.79	5.22	4.89	4.68	4.96	5.47	4.94	4.98
2000-	5.31	6.29	6.29	6.29	7.32	7.68	8.02	8.14	7.56	7.46	7.04
2100-	7.62	7.94	8.06	8.87	8.68	8.79	9.08	9.24	8.49	8.99	8.58
2200-	8.82	8.22	7.19	6.88	6.72	7.47	7.47	7.30	7.40	7.85	7.53
2300-	8.05	8.02	8.05	7.74	7.71	7.90	8.02	7.45	7.71	7.33	7.80

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 111
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 129

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.45	7.45	
Std Deviation	1.731	1.731	
Variance	2.996	2.996	
Number	129	129	

EMISSIONS FOR 04351

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(4)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 239
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 0

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	0.00	0.00
Std Deviation	0.000	0.000
Variance	0.000	0.000
Number	0	0

EMISSIONS FOR 04350

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(4)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 239
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04349

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04348

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04347

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04346

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.19	2.08	2.09	2.07	1.98	1.90	1.87	1.87	1.81	1.98
0100-	1.87	1.91	2.08	2.10	2.17	2.21	2.25	2.28	2.25	2.24	2.14
0200-	2.32	2.26	2.27	2.17	2.11	2.19	2.34	2.44	2.60	2.60	2.33
0300-	2.49	2.42	2.36	2.42	2.38	2.44	2.38	2.38	1.77	1.42	2.25
0400-	1.42	1.07	1.17	1.27	1.47	1.76	1.93	2.12	2.43	2.40	1.70
0500-	2.58	2.78	3.19	3.29	3.46	3.55	3.47	3.47	3.48	3.11	3.24
0600-	2.94	2.87	2.72	3.00	3.05	2.91	2.81	2.76	2.83	2.76	2.86
0700-	2.76	2.85	2.78	2.74	2.85	2.78	2.78	3.03	2.74	2.99	2.83
0800-	2.99	3.03	2.99	2.95	3.16	2.78	3.01	2.99	2.93	2.90	2.97
0900-	2.90	2.65	2.71	2.65	2.57	3.29	6.79	6.74	6.81	6.26	4.34
1000-	5.68	5.19	4.94	4.75	4.65	4.62	4.70	4.42	4.60	4.08	4.76
1100-	3.01	2.38	2.54	2.28	2.15	2.33	2.27	2.38	2.50	2.64	2.45
1200-	2.79	2.93	2.93	3.05	5.38	4.51	4.52	4.61	4.37	4.07	3.92
1300-	3.71	3.59	3.23	3.05	2.95	2.84	2.48	2.58	2.33	2.69	2.95
1400-	2.84	2.84	2.70	2.62	2.73	2.66	2.49	2.51	3.35	3.39	2.81
1500-	3.41	3.15	3.13	3.24	3.31	3.36	3.36	3.35	3.17	3.24	3.27
1600-	2.97	2.98	2.99	2.95	2.93	2.93	2.93	2.96	2.96	2.81	2.94
1700-	2.66	2.65	2.61	2.62	2.60	2.60	2.49	2.54	2.52	2.43	2.57
1800-	2.45	1.51	2.11	2.44	2.56	2.51	2.45	2.39	2.42	2.50	2.33
1900-	2.50	2.59	2.52	2.50	2.56	2.55	2.49	2.68	2.69	2.65	2.57
2000-	2.73	2.72	2.65	2.84	29.24	8.70*26.32*40.17*12.20*84.44					21.20
2100-	*50.49*14.96*23.69*56.99*48.37*20.91*16.38*39.55*47.55*24.25										34.31
2200-	*28.76*28.76*26.58*16.47*15.12*38.83*38.69*15.89*17.24*17.05										24.34
2300-	*16.86*24.79*99.07 (4) *21.52 (1) (1) (1) (1) (1)										40.56

* Kiln Speed less than or equal to 20 RPH : 28
 (1) No value taken or data not retrievable : 6
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 205

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.57	3.34	3.02
Std Deviation	12.143	---	2.089
Variance	147.451	---	4.365
Number	233	233	205

EMISSIONS FOR 04345

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.98	7.14	7.10	7.82	8.05	7.73	7.68	7.30	6.86	7.41
0100-	7.26	7.46	7.11	6.99	7.22	7.45	7.92	8.32	8.49	8.97	7.72
0200-	9.29	9.23	9.62	9.51	9.51	10.30	11.00	12.72	13.20	13.38	10.78
0300-	13.36	13.57	13.59	13.08	13.14	12.45	12.08	12.54	12.76	11.58	12.82
0400-	11.24	10.28	8.82	8.69	7.61	6.51	6.15	5.92	5.80	5.68	7.67
0500-	5.61	7.36	6.14	6.73	6.72	5.44	5.56	5.48	5.49	5.28	5.98
0600-	5.47	5.08	5.36	5.66	5.76	6.17	6.23	6.45	6.64	6.74	5.96
0700-	6.24	6.18	6.61	6.87	7.05	7.62	7.54	7.06	6.82	6.62	6.86
0800-	6.43	6.45	6.90	6.78	6.58	6.48	6.21	6.12	6.69	6.96	6.56
0900-	7.05	6.74	6.66	7.01	6.95	7.00	6.45	6.17	6.37	6.09	6.65
1000-	6.43	6.73	7.31	6.89	6.93	7.34	7.71	7.79	7.84	7.83	7.28
1100-	7.27	6.98	7.04	5.96	4.04	3.34	2.89	3.27	2.72	1.90	4.54
1200-	2.05	2.03	2.29	2.19	2.28	2.35	2.24	2.21	2.27	2.43	2.23
1300-	2.40	2.62	2.88	3.01	2.96	2.90	2.95	2.86	2.93	2.91	2.84
1400-	2.86	2.85	2.88	3.19	3.13	3.18	3.07	2.84	2.71	2.46	2.92
1500-	2.40	2.28	2.29	2.25	49.56	23.81	92.07	(4)	(4)	(4)	24.95
1600-	*80.42*	3.28*	3.28*	0.65	1.47	2.71	1.31	1.61	1.44	1.43	9.76
1700-	2.34	3.16	3.22	3.39	3.32	3.22	3.14	3.31	3.72	3.45	3.23
1800-	3.04	1.96	2.36	2.90	2.80	2.70	2.66	2.60	2.60	2.86	2.65
1900-	2.86	2.84	2.81	2.78	2.54	2.48	2.40	2.30	2.27	2.19	2.55
2000-	2.08	2.07	2.12	2.23	2.24	2.30	2.42	2.50	2.53	2.73	2.32
2100-	2.66	2.70	2.72	2.74	1.66	2.69	2.52	2.64	2.51	2.42	2.53
2200-	2.29	2.36	2.26	2.09	2.11	2.17	2.11	2.07	2.09	1.94	2.15
2300-	1.98	1.93	1.89	1.91	1.94	2.02	2.04	2.13	2.13	2.12	2.01

* Kiln Speed less than or equal to 20 RPH : 4
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 3
 All other observations : 232

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	6.02	6.46	5.75
Std Deviation	8.637	---	7.187
Variance	74.592	---	51.659
Number	236	236	232
=====			

EMISSIONS FOR 04344

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04343

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04342

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04341

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.77	6.77	7.05	7.36	7.02	7.15	8.29	8.41	8.35	7.46
0100-	8.31	7.80	7.40	7.66	7.47	7.43	7.73	7.49	8.64	9.08	7.90
0200-	9.69	10.32	9.66	9.72	10.28	10.12	10.73	9.99	9.90	10.94	10.13
0300-	11.01	11.25	10.11	10.29	9.55	10.03	9.90	9.81	9.14	8.85	9.99
0400-	9.00	8.94	9.24	9.64	9.51	10.63	10.77	9.91	9.70	9.68	9.70
0500-	9.70	9.49	9.84	9.87	10.03	10.76	10.53	9.94	9.60	9.37	9.91
0600-	9.36	9.31	9.59	9.36	9.37	9.17	9.16	9.00	8.96	9.00	9.23
0700-	8.97	9.41	8.99	8.87	9.11	9.20	9.33	9.10	8.84	8.89	9.07
0800-	9.36	9.38	8.93	9.37	8.95	9.11	9.65	9.61	9.76	10.09	9.42
0900-	10.11	9.94	10.16	9.75	9.43	9.97	10.34	10.10	10.04	9.79	9.96
1000-	9.04	9.70	9.95	9.86	9.75	9.93	9.90	9.60	10.01	10.08	9.78
1100-	9.72	9.92	10.39	10.54	10.96	10.85	11.26	11.47	12.06	12.64	10.98
1200-	12.36	12.59	12.74	12.42	11.46	10.75	10.02	10.37	10.64	10.70	11.41
1300-	10.54	10.23	9.19	9.14	8.99	9.26	8.82	8.65	9.03	9.42	9.33
1400-	9.19	9.27	10.24	9.85	9.73	9.78	9.62	9.53	10.07	9.46	9.67
1500-	9.15	9.98	9.83	9.93	10.59	9.11	7.68	7.09	6.70	6.25	8.63
1600-	6.38	5.91	5.43	5.37	5.20	5.00	4.87	4.82	4.63	4.51	5.21
1700-	4.59	5.19	4.92	4.83	4.69	4.66	4.64	5.51	6.12	5.99	5.11
1800-	5.55	4.21	5.88	5.58	6.27	5.32	5.26	5.92	6.54	7.19	5.77
1900-	7.31	7.43	7.83	7.42	7.07	7.29	7.35	7.56	7.06	8.05	7.44
2000-	7.36	7.34	7.79	8.21	8.36	8.34	7.92	8.17	7.94	8.10	7.95
2100-	9.16	9.20	7.94	8.93	8.81	9.45	9.90	10.99	10.39	10.37	9.51
2200-	10.64	10.73	10.32	9.03	7.94	6.43	6.37	6.93	7.56	8.58	8.45
2300-	8.25	7.97	7.34	7.21	6.23	5.34	4.88	5.79	6.38	6.37	6.57

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.70	8.70	
Std Deviation	1.823	1.823	
Variance	3.324	3.324	
Number	239	239	

EMISSIONS FOR 04340

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	15.78	15.60	15.64	15.51	15.60	15.10	14.81	13.21	13.93	15.02
0100-	13.41	13.37	13.61	12.72	11.96	11.51	12.54	12.11	11.19	10.68	12.31
0200-	10.45	10.51	10.64	10.65	11.29	11.72	13.53	14.40	14.25	14.07	12.15
0300-	13.89	13.31	13.08	13.24	13.31	13.99	13.80	13.94	12.39	13.19	13.41
0400-	11.97	11.88	11.91	11.59	11.67	11.37	11.50	11.53	11.70	11.34	11.65
0500-	10.80	10.06	9.23	9.11	8.82	8.58	8.17	8.02	8.44	8.53	8.98
0600-	8.35	8.67	8.28	8.35	8.56	8.31	7.97	8.03	7.99	7.61	8.21
0700-	7.93	7.53	7.22	6.96	5.81	9.56	9.40	9.66	9.63	9.51	8.32
0800-	10.19	10.37	8.27	7.04	8.82	10.12	10.89	11.44	13.37	14.48	10.50
0900-	14.00	14.95	15.21	14.96	14.38	15.13	14.69	13.86	13.11	13.44	14.37
1000-	13.59	13.25	12.79	12.66	12.40	13.74	15.48	15.32	14.32	14.36	13.79
1100-	13.67	13.59	13.17	12.74	12.92	11.98	12.33	12.53	12.35	11.51	12.68
1200-	11.15	11.45	11.52	10.86	9.60	8.58	7.41	7.43	7.14	7.23	9.24
1300-	7.30	7.05	7.08	7.29	7.59	7.10	6.55	6.18	5.98	5.81	6.79
1400-	5.74	5.54	6.06	6.33	6.30	6.39	6.33	6.89	7.21	7.19	6.40
1500-	7.19	7.13	7.34	7.41	7.93	7.42	7.24	7.34	7.38	7.42	7.38
1600-	8.06	8.46	8.80	9.70	10.17	10.37	10.44	10.26	10.15	9.93	9.63
1700-	10.73	11.35	11.50	11.94	13.27	14.17	13.86	13.07	11.77	9.86	12.15
1800-	8.85	5.69	7.37	7.74	7.15	6.82	6.65	6.49	6.41	6.32	6.95
1900-	6.27	6.36	6.21	6.77	7.02	7.68	8.47	8.45	8.14	7.98	7.34
2000-	8.07	7.98	7.66	7.85	7.55	7.17	6.99	6.91	6.79	6.59	7.36
2100-	6.12	6.46	6.50	6.30	6.45	6.54	6.86	6.73	6.75	6.92	6.56
2200-	6.90	6.77	6.86	7.07	7.04	7.15	7.07	6.90	7.10	7.17	7.00
2300-	7.24	7.11	6.88	6.97	7.30	7.18	7.27	7.62	7.69	7.39	7.27

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	9.79	9.79	
Std Deviation	2.918	2.918	
Variance	8.514	8.514	
Number	239	239	

EMISSIONS FOR 04339

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.85	5.86	5.88	5.90	5.79	5.91	5.91	6.15	6.03	5.92
0100-	6.45	6.91	7.02	6.98	6.86	6.68	6.69	7.03	6.94	6.70	6.83
0200-	6.31	6.20	6.13	6.07	6.08	5.95	6.00	6.23	6.36	7.06	6.24
0300-	7.46	7.40	7.44	8.09	8.69	11.22	12.71	10.65	5.47	4.27	8.34
0400-	4.56	4.44	4.88	5.82	5.91	5.27	5.31	5.53	5.70	5.55	5.30
0500-	5.35	5.23	5.17	4.98	4.73	4.50	4.14	4.87	4.81	4.75	4.85
0600-	5.02	4.83	5.22	5.55	5.80	5.75	5.76	5.77	5.84	6.04	5.56
0700-	5.98	5.88	5.88	5.82	6.45	7.35	8.13	7.76	7.66	8.01	6.89
0800-	8.70	8.51	8.36	8.41	1.43	(1)	(1)	(1)	(1)	(1)	7.08
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 156
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 84

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.29	6.29	
Std Deviation	1.567	1.567	
Variance	2.456	2.456	
Number	84	84	

EMISSIONS FOR 04338

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	8.29	11.99	15.21	15.34	12.71
0800-	14.53	14.18	13.24	13.54	12.47	13.43	13.99	13.52	12.19	8.85	12.99
0900-	10.23	9.48	11.10	13.31	13.57	13.12	12.80	10.81	11.20	12.22	11.78
1000-	14.59	16.10	15.04	9.65	8.06	8.18	8.37	9.48	10.70	12.08	11.23
1100-	11.16	9.16	6.28	5.01	6.81	8.29	9.43	10.06	9.00	8.16	8.34
1200-	6.90	6.10	7.65	7.51	7.69	7.98	8.10	8.61	9.52	9.66	7.97
1300-	9.78	10.99	11.56	11.15	10.77	11.46	13.31	15.21	14.97	13.94	12.32
1400-	12.63	16.20	15.81	15.88	16.25	16.01	16.58	15.96	14.99	14.25	15.46
1500-	14.03	14.55	14.93	14.95	15.55	14.40	14.63	14.14	13.96	13.97	14.51
1600-	13.03	13.37	13.57	13.65	14.01	14.43	14.20	13.89	13.66	13.94	13.77
1700-	13.81	13.49	13.00	12.47	11.82	11.24	11.05	10.78	10.50	10.01	11.82
1800-	9.54	5.64	8.00	8.56	8.68	8.81	8.54	8.06	7.80	7.86	8.15
1900-	7.74	7.55	7.43	7.17	6.92	6.65	6.50	6.24	5.86	5.56	6.76
2000-	5.31	5.14	5.44	6.34	6.61	6.90	7.48	8.00	8.64	8.74	6.86
2100-	8.97	10.10	10.78	13.21	14.04	14.59	14.54	14.95	15.17	13.47	12.98
2200-	7.84	6.97	7.11	6.84	6.72	6.30	5.28	4.90	5.30	5.40	6.27
2300-	5.06	4.87	5.19	6.00	5.93	5.97	5.79	5.76	5.60	5.52	5.57

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 76
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 164

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	10.48	10.48	
Std Deviation	3.449	3.449	
Variance	11.898	11.898	
Number	164	164	

EMISSIONS FOR 04337

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04336

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04335

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	
=====			

EMISSIONS FOR 04334

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04333

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04332

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.10	5.98	6.16	6.01	5.89	6.18	6.49	6.86	6.67	6.26
0100-	7.80	6.83	6.85	8.19	9.80	10.43	11.03	8.45	8.28	8.29	8.60
0200-	8.48	8.02	8.81	8.63	9.41	9.30	10.71	11.47	11.01	11.79	9.76
0300-	12.48	10.66	9.72	10.14	9.52	9.41	9.81	9.97	10.38	10.71	10.28
0400-	11.14	11.44	12.28	13.71	13.64	13.64	13.42	13.44	13.55	13.93	13.02
0500-	13.71	13.85	14.00	13.79	13.83	13.92	13.84	13.81	13.72	13.75	13.82
0600-	13.78	13.74	13.17	12.16	12.52	12.89	13.27	13.46	13.12	12.72	13.08
0700-	10.58	11.64	11.11	12.69	11.42	11.26	10.98	11.20	(1)	10.49	11.26
0800-	10.06	10.38	9.67	10.27	9.99	9.68	9.88	10.04	10.06	9.97	10.00
0900-	9.58	9.34	9.48	9.63	10.05	9.85	9.95	9.76	9.89	10.53	9.81
1000-	10.68	10.82	10.73	10.20	9.96	10.16	10.78	10.95	11.27	11.08	10.66
1100-	10.27	10.20	10.44	10.61	9.85	10.16	10.36	10.16	9.30	8.67	10.00
1200-	8.25	8.62	8.48	8.71	8.89	8.67	8.47	9.14	9.16	9.06	8.74
1300-	7.89	7.50	7.35	6.84	6.67	6.60	6.33	6.31	6.39	6.44	6.83
1400-	6.40	6.53	6.39	6.36	6.03	5.79	5.62	5.51	5.33	5.69	5.96
1500-	5.60	5.51	5.64	5.64	6.34	5.90	6.32	6.35	6.52	6.76	6.06
1600-	7.04	7.68	8.55	8.53	7.17	6.46	7.61	8.05	9.36	8.98	7.94
1700-	8.81	8.05	8.89	8.83	8.94	8.70	8.54	9.08	9.20	9.21	8.82
1800-	8.87	5.76	6.99	7.53	6.36	6.74	5.92	5.79	5.53	5.70	6.52
1900-	5.52	4.32	4.15	3.75	3.74	4.52	4.47	4.25	4.10	3.95	4.28
2000-	4.61	5.23	5.43	5.61	5.74	5.85	6.65	7.03	6.46	6.60	5.92
2100-	6.75	6.71	7.59	7.81	8.30	3.98	2.81	2.45	2.71	3.46	5.26
2200-	4.40	7.60	26.77	65.42	(4)	(4)	(4)	87.17	68.59	(4)	43.32
2300-	98.46	76.82	(4)	(4)	(4)	65.20	(4)	(4)	(4)	(4)	80.16

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 2
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 11
 All other observations : 227

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	10.63	9.53	10.63
Std Deviation	11.522	---	11.522
Variance	132.760	---	132.760
Number	227	227	227
=====			

EMISSIONS FOR 04331

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	8.91	8.75	9.27	9.98	9.90	10.31	10.17	10.17	9.90		9.71
0100-	10.09	9.37	8.93	9.23	9.01	8.07	7.71	7.43	7.38	7.35		8.46
0200-	7.51	7.74	7.45	7.09	6.93	7.17	6.68	6.98	6.56	7.04		7.12
0300-	7.00	7.19	7.19	7.64	7.71	7.68	7.46	7.47	7.92	8.25		7.55
0400-	8.70	7.88	8.51	8.67	8.17	8.23	8.29	8.82	9.53	9.39		8.62
0500-	8.50	8.93	8.12	7.84	7.55	7.97	8.15	8.82	9.18	9.31		8.44
0600-	9.69	10.03	9.10	8.83	9.04	9.70	10.69	9.67	9.46	10.13		9.63
0700-	9.99	10.30	10.62	10.54	10.77	10.51	10.37	10.32	9.99	10.03		10.34
0800-	9.94	9.76	9.20	8.90	8.86	8.84	9.05	8.45	8.41	8.40		8.98
0900-	7.92	7.88	7.93	8.47	8.02	7.80	7.25	7.28	8.67	10.66		8.19
1000-	11.95	9.21	8.60	10.10	10.42	8.48	9.01	10.48	11.47	11.82		10.15
1100-	12.11	11.96	10.35	10.25	8.03	6.11	2.82	2.02	2.00	2.00		6.77
1200-	1.65	1.77	1.86	3.32	4.37	5.48	6.62	6.64	7.17	7.66		4.66
1300-	7.40	6.99	7.11	6.85	6.74	6.25	6.31	6.82	6.90	6.89		6.82
1400-	6.48	6.02	6.09	6.39	6.23	6.66	6.39	6.32	6.20	6.48		6.33
1500-	7.00	7.34	7.36	8.22	10.98	12.14	11.84	14.26	16.22	17.92		11.33
1600-	19.27	16.25	14.95	14.56	15.27	15.43	14.85	15.20	15.12	14.86		15.58
1700-	14.13	13.74	13.65	13.23	12.43	11.94	11.81	11.32	10.21	10.79		12.32
1800-	11.24	7.43	7.97	8.68	8.66	8.00	7.33	7.16	6.88	6.24		7.96
1900-	5.97	5.85	5.76	6.10	4.96	4.90	5.78	5.45	5.08	6.32		5.62
2000-	6.81	6.89	7.22	6.02	5.91	6.17	6.81	8.09	7.08	7.18		6.82
2100-	6.84	6.92	7.02	7.12	7.05	6.84	6.82	6.60	6.75	6.98		6.89
2200-	6.67	5.71	6.04	6.19	6.54	6.41	6.07	6.21	6.68	7.97		6.45
2300-	6.63	7.10	6.80	7.11	7.19	6.91	6.95	7.02	6.87	6.37		6.90

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	8.40	8.42	8.40
Std Deviation	2.727	---	2.727
Variance	7.438	---	7.438
Number	239	239	239
=====			

EMISSIONS FOR 04330

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	8.33	8.30	8.24	8.14	8.22	8.32	8.45	8.68	8.44		8.35
0100-	8.26	8.27	8.18	7.97	7.64	7.45	7.91	7.65	6.94	6.70		7.70
0200-	7.33	7.17	7.04	7.39	7.34	7.00	7.13	7.05	6.81	6.42		7.07
0300-	5.94	6.53	6.20	6.04	5.58	5.31	5.36	5.65	5.76	6.01		5.84
0400-	6.29	6.74	7.56	8.07	8.44	8.88	9.68	10.54	12.18	13.02		9.14
0500-	12.99	12.30	13.38	13.39	13.03	11.81	11.16	11.17	10.98	10.02		12.03
0600-	9.79	10.06	9.77	8.79	8.40	8.49	9.13	8.96	8.45	8.42		9.03
0700-	8.42	8.68	8.51	7.89	8.21	8.23	8.10	8.95	8.89	8.96		8.48
0800-	9.31	9.84	9.35	9.35	9.55	10.53	11.60	13.00	14.55	14.68		11.18
0900-	14.81	14.09	13.85	13.85	13.55	13.43	13.11	13.02	13.06	13.16		13.59
1000-	12.93	11.60	12.08	11.71	11.81	10.39	10.59	10.30	10.50	9.80		11.17
1100-	9.40	8.88	8.71	8.36	8.69	8.82	9.18	9.04	9.16	8.34		8.86
1200-	7.62	8.20	8.43	8.36	8.74	8.83	8.56	7.86	8.03	8.50		8.31
1300-	8.84	9.45	9.45	9.88	9.81	9.83	9.86	9.64	9.58	9.59		9.59
1400-	9.64	9.86	9.90	10.68	10.47	10.31	9.62	9.63	9.46	9.83		9.94
1500-	9.67	9.63	9.78	9.84	11.35	10.24	10.12	10.40	10.39	10.53		10.20
1600-	10.94	11.19	10.99	12.67	14.53	12.95	14.12	11.96	11.93	16.25		12.75
1700-	16.54	15.70	15.48	14.83	14.13	13.36	12.28	12.11	12.45	12.39		13.93
1800-	12.63	8.29	10.30	12.81	10.93	9.85	7.92	71.82	82.36	(1)		25.21
1900-	(1)	(1)	(1)	(1)	(4)	3.69	3.30	2.71	3.16	4.07		3.39
2000-	4.27	4.26	4.19	5.15	5.99	6.29	6.03	6.00	7.38	7.71		5.73
2100-	8.78	9.12	9.80	9.64	10.67	11.00	11.33	10.88	11.06	10.68		10.30
2200-	10.96	11.16	9.57	9.86	10.31	9.86	10.99	11.71	10.95	9.53		10.49
2300-	10.72	10.51	9.25	9.84	9.61	9.32	8.94	8.32	8.19	7.68		9.24

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 6
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 233

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	10.15	10.15	
Std Deviation	6.743	6.743	
Variance	45.470	45.470	
Number	233	233	

EMISSIONS FOR 04329

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.48	5.54	5.89	6.15	6.04	6.12	6.33	7.21	7.91	6.30
0100-	8.92	9.54	9.31	9.22	8.40	7.24	6.70	6.25	5.66	5.64	7.69
0200-	5.47	5.32	5.44	5.34	5.15	5.16	5.26	5.07	4.81	4.85	5.19
0300-	5.00	4.88	4.67	4.38	4.31	4.51	4.60	5.02	5.49	5.75	4.86
0400-	6.03	6.38	7.36	7.47	8.15	8.78	9.20	8.95	9.88	9.35	8.15
0500-	8.92	7.81	7.79	7.65	7.51	7.59	8.17	8.95	9.08	9.03	8.25
0600-	10.10	10.97	11.07	11.31	10.43	9.83	8.98	8.13	7.91	7.28	9.60
0700-	7.53	8.36	7.62	7.64	7.74	7.73	7.58	7.56	7.30	7.60	7.67
0800-	7.86	7.92	7.88	8.13	8.65	9.31	10.03	10.01	9.78	9.99	8.96
0900-	10.29	9.82	8.94	8.87	8.62	7.90	7.31	6.42	6.58	6.46	8.12
1000-	5.97	5.69	5.45	5.26	5.41	5.13	4.57	4.58	4.48	4.56	5.11
1100-	4.46	4.85	5.35	5.22	5.06	4.62	4.96	5.34	6.06	6.28	5.22
1200-	6.93	7.63	8.46	8.96	10.29	11.28	11.90	12.13	12.44	11.88	10.19
1300-	11.26	11.86	12.71	12.71	14.39	13.48	3.15	2.68	2.26	4.70	8.92
1400-	4.27	5.10	6.01	6.46	6.31	7.06	8.14	9.02	10.13	10.70	7.32
1500-	11.70	13.99	15.56	15.78	16.68	14.47	14.98	15.65	14.04	13.93	14.68
1600-	13.98	13.60	13.15	12.63	11.85	11.85	11.79	10.87	10.18	10.30	12.02
1700-	7.71	9.41	7.63	9.14	8.72	8.74	7.83	8.04	8.56	8.47	8.43
1800-	8.23	5.05	7.71	9.01	10.04	10.03	9.19	9.13	9.98	10.18	8.85
1900-	11.08	12.09	12.74	13.54	13.43	13.35	12.11	12.02	11.70	11.54	12.36
2000-	10.16	10.21	11.60	11.77	12.18	12.74	13.07	12.79	12.56	12.05	11.91
2100-	12.52	12.05	12.65	12.83	12.60	12.35	12.07	12.49	12.42	12.44	12.44
2200-	12.65	12.52	12.25	12.27	11.91	11.80	11.37	11.10	11.41	11.91	11.92
2300-	12.00	11.79	10.25	9.94	10.09	9.54	9.24	9.40	9.07	8.98	10.03

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====

NOx in pounds per ton of clinker produced

=====

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	8.94	9.02	8.94
Std Deviation	2.971	---	2.971
Variance	8.824	---	8.824
Number	239	239	239

=====

=====

NOx in pounds per ton of clinker produced

=====

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	9.01	8.91	9.01
Std Deviation	3.506	---	3.506
Variance	12.292	---	12.292
Number	169	169	169

=====

EMISSIONS FOR 04327

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04326

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	12.15	12.53	(1)	(1)	(1)	(1)	(1)	(1)	(1)	12.34
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 238
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 2

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	12.34	12.34	12.34
Std Deviation	0.265	---	0.265
Variance	0.070	---	0.070
Number	2	2	2

EMISSIONS FOR 04325

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.16	6.91	6.40	6.22	6.37	5.99	5.94	5.08	5.06	6.13
0100-	4.86	4.67	4.79	5.00	5.11	5.23	5.48	5.53	5.65	5.86	5.22
0200-	6.17	7.01	7.39	7.61	7.16	7.50	7.57	7.48	7.02	7.18	7.21
0300-	7.51	7.71	7.71	7.21	7.41	6.84	6.98	7.16	7.16	7.23	7.29
0400-	7.51	7.55	7.49	7.47	7.53	7.63	7.51	7.54	7.61	7.36	7.52
0500-	6.98	6.11	6.00	5.62	5.50	5.52	5.30	5.01	4.88	4.70	5.56
0600-	4.52	4.33	4.26	4.23	4.12	4.35	4.34	4.37	4.45	4.53	4.35
0700-	4.86	5.26	5.48	5.92	6.42	7.19	7.67	7.84	7.69	7.11	6.55
0800-	6.99	6.81	6.97	6.82	7.02	7.06	7.17	7.07	6.73	6.21	6.89
0900-	6.06	5.82	5.47	5.18	5.16	5.03	5.33	5.47	5.52	5.73	5.48
1000-	5.74	5.60	5.52	5.46	5.62	5.94	6.15	6.32	6.48	6.34	5.92
1100-	5.94	5.84	5.72	6.11	6.31	6.48	6.96	7.39	7.34	7.03	6.51
1200-	6.95	6.77	6.97	6.12	7.19	6.44	6.23	6.04	6.12	6.25	6.51
1300-	6.49	6.55	6.74	6.90	6.49	3.88	6.74	6.28	5.61	5.19	6.09
1400-	5.15	4.86	4.77	4.57	4.34	4.04	3.88	3.75	3.55	3.35	4.23
1500-	3.43	3.64	3.92	4.09	5.05	4.39	4.54	4.75	4.94	5.05	4.38
1600-	5.67	6.46	7.11	7.31	7.90	7.44	7.32	6.81	6.95	7.43	7.04
1700-	7.56	7.67	7.87	7.73	7.41	7.07	6.77	6.49	6.12	5.93	7.06
1800-	5.85	5.54	5.28	5.31	5.32	5.20	5.19	5.42	5.57	6.16	5.48
1900-	7.04	7.82	8.51	8.67	8.70	8.93	8.72	8.17	8.15	7.85	8.25
2000-	7.82	7.60	6.91	6.75	5.98	5.76	6.95	7.37	7.11	6.66	6.89
2100-	6.84	6.93	6.25	5.99	6.21	7.41	7.89	7.94	8.47	8.32	7.23
2200-	8.46	8.40	8.78	8.94	9.02	8.83	8.56	8.62	9.07	9.16	8.78
2300-	9.12	9.25	8.84	9.12	9.71	9.84	9.10	8.78	8.92	8.54	9.12

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.49	6.47	6.49
Std Deviation	1.381	---	1.381
Variance	1.906	---	1.906
Number	239	239	239
=====			

EMISSIONS FOR 04324

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	4.09	4.14	4.40	4.70	5.32	6.15	6.85	7.60	8.60	9.03	3.86
0800-	10.08	11.05	11.31	10.65	11.17	10.85	11.05	10.48	8.75	8.38	6.09
0900-	8.35	8.14	7.79	8.37	8.34	8.13	8.19	8.39	8.63	8.65	10.38
1000-	9.12	9.31	9.24	9.30	8.65	8.59	8.30	8.46	7.81	7.32	8.30
1100-	6.93	6.59	6.34	6.30	6.26	6.20	5.87	6.02	6.10	6.15	8.61
1200-	6.21	5.92	5.59	5.41	5.13	4.64	4.27	4.33	4.58	4.47	6.28
1300-	4.34	4.22	4.25	4.75	4.82	3.43	5.14	5.56	5.45	5.77	5.05
1400-	6.03	6.37	6.75	6.96	7.09	6.99	7.14	7.43	7.45	6.28	4.77
1500-	5.77	5.72	5.14	4.76	5.00	4.38	4.25	4.26	4.47	(1)	6.85
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.86
1700-	(1)	(1)	(1)	8.35	9.79	9.59	9.52	9.87	8.52	8.35	(1)
1800-	8.71	9.41	9.60	9.30	9.25	8.43	7.67	7.10	6.95	6.47	9.14
1900-	6.04	6.15	6.10	5.91	5.81	5.65	5.35	5.53	5.67	5.52	8.29
2000-	5.28	5.58	5.67	5.69	5.71	5.61	5.62	5.59	5.44	5.47	5.77
2100-	5.51	5.46	5.74	5.87	6.10	6.30	6.63	6.88	7.16	7.54	5.57
2200-	8.00	7.76	7.80	8.23	8.38	8.95	9.39	9.19	9.09	8.92	6.32
2300-	9.29	8.94	8.20	7.77	7.47	7.76	7.53	8.00	7.46	7.24	8.57
											7.97

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 83
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 157

=====

NOx in pounds per ton of clinker produced

=====

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	7.00	7.02	7.00
Std Deviation	1.825	---	1.825
Variance	3.331	---	3.331
Number	157	157	157

=====

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	4.96	4.97	4.96
Std Deviation	1.001	---	1.001
Variance	1.003	---	1.003
Number	239	239	239

=====

Std Deviation	1.895	---	1.753
Variance	3.592	---	3.073
Number	230	230	228

=====

EMISSIONS FOR 04323

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.29	7.13	6.56	6.60	6.12	6.03	5.84	5.77	5.52	6.32
0100-	5.56	5.61	5.50	5.43	5.39	5.39	5.41	5.50	5.47	5.41	5.47
0200-	5.80	6.89	6.46	6.96	6.66	5.75	5.73	5.20	5.03	4.74	5.92
0300-	4.73	4.90	4.73	4.64	4.56	4.60	4.71	4.60	4.35	4.71	4.65
0400-	4.62	4.62	4.60	4.39	4.18	4.17	4.12	4.23	4.19	4.29	4.34
0500-	4.39	4.13	4.30	4.30	4.06	4.09	4.14	4.05	4.33	4.13	4.19
0600-	4.34	4.41	4.54	4.75	5.03	4.66	4.80	4.67	4.89	4.73	4.68
0700-	4.99	5.19	5.25	5.37	5.46	5.46	5.55	5.45	5.33	5.30	5.33
0800-	5.33	5.46	5.60	5.52	5.52	5.43	5.22	4.93	5.03	4.97	5.30
0900-	4.82	5.00	5.15	5.26	5.70	5.28	4.87	4.82	4.78	4.70	5.04
1000-	4.44	4.38	4.25	4.12	4.03	3.89	3.70	3.51	3.57	3.57	3.95
1100-	3.43	3.43	3.25	3.18	3.18	3.18	3.27	3.51	3.66	4.06	3.42
1200-	4.28	4.78	5.26	5.71	5.81	6.06	6.56	6.81	6.25	5.69	5.72
1300-	5.40	5.19	4.55	4.49	4.32	3.18	3.85	3.91	3.77	3.70	4.24
1400-	3.65	3.73	3.74	4.02	4.10	4.26	4.46	4.65	4.78	4.84	4.22
1500-	5.30	5.57	5.77	6.02	7.07	6.45	7.45	7.24	7.70	7.92	6.65
1600-	7.55	7.45	7.66	7.97	7.07	6.79	6.18	6.23	5.61	6.19	6.87
1700-	6.50	6.34	6.14	6.09	5.83	5.46	5.31	5.22	4.97	5.06	5.69
1800-	5.15	4.98	4.81	4.75	4.80	4.75	4.76	4.71	4.58	4.59	4.79
1900-	4.73	4.65	4.71	4.99	5.09	4.99	5.24	5.40	5.63	5.72	5.12
2000-	5.97	5.38	5.42	5.37	5.04	5.24	5.10	4.90	4.79	4.81	5.20
2100-	4.72	4.70	4.60	4.37	4.15	4.29	4.13	3.96	3.89	3.81	4.26
2200-	3.63	3.66	3.56	3.69	3.71	3.76	3.77	3.80	3.74	3.69	3.70
2300-	3.70	3.81	3.86	4.03	4.04	4.09	4.07	4.20	4.51	4.60	4.09

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.96	4.97	4.96
Std Deviation	1.001	---	1.001
Variance	1.003	---	1.003
Number	239	239	239
=====			

EMISSIONS FOR 04322

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.05	4.83	4.89	4.90	4.66	4.55	4.43	4.44	4.62	4.71
0100-	4.60	4.40	4.28	4.31	4.43	4.36	4.44	4.43	4.32	4.10	4.37
0200-	4.04	4.12	4.50	4.46	4.43	4.28	4.16	4.40	4.79	4.79	4.40
0300-	5.56	5.26	5.63	5.50	4.90	4.82	4.44	4.20	4.17	4.07	4.85
0400-	4.03	4.15	4.45	4.42	4.63	4.38	4.72	4.91	4.97	5.32	4.60
0500-	5.07	4.77	5.15	5.42	5.67	6.02	6.40	5.91	5.67	5.49	5.56
0600-	5.71	5.96	5.65	5.55	5.84	5.55	5.68	5.69	5.61	5.38	5.66
0700-	5.13	5.01	5.15	4.95	5.13	5.10	4.67	4.64	4.39	4.63	4.88
0800-	4.67	4.76	4.85	4.38	4.45	4.55	4.30	4.40	4.45	4.58	4.54
0900-	4.39	4.36	4.46	4.25	4.49	4.58	4.85	4.98	5.03	5.62	4.70
1000-	5.58	5.39	4.92	4.46	4.44	4.30	4.18	4.07	4.10	4.19	4.56
1100-	4.28	4.37	4.77	4.93	5.10	5.24	5.58	5.66	5.53	5.01	5.05
1200-	4.48	4.34	4.04	4.01	3.93	3.64	3.57	3.55	3.59	3.49	3.86
1300-	3.46	3.47	3.55	3.56	3.63	2.99	3.75	3.62	3.75	3.86	3.56
1400-	3.82	3.91	3.85	3.75	3.65	3.74	3.71	3.51	3.36	3.59	3.69
1500-	3.35	3.33	3.13	3.29	3.58	3.24	3.22	3.26	3.32	3.39	3.31
1600-	3.60	3.88	4.09	4.21	4.13	4.29	4.66	6.00	5.61	4.80	4.53
1700-	3.59	2.52	3.82	4.14	3.90	3.42	3.03	2.85	2.60	2.78	3.27
1800-*	2.16	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.16
1900-*	15.75	1.92	2.17	2.67	2.58	2.39	2.49	3.05	3.40	4.11	4.05
2000-	5.15	5.34	5.74	5.15	5.59	7.04	8.85	9.80	10.54	11.00	7.42
2100-	11.00	10.02	10.95	12.08	12.57	10.65	10.43	10.57	10.14	9.25	10.77
2200-	8.57	8.32	7.49	6.31	5.36	5.36	5.41	4.91	4.61	4.44	6.08
2300-	4.61	4.46	4.53	4.55	4.67	5.02	5.35	5.67	6.52	6.87	5.23

* Kiln Speed less than or equal to 20 RPH : 2
 (1) No value taken or data not retrievable : 10
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 228

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.93	5.08	4.89
Std Deviation	1.895	---	1.753
Variance	3.592	---	3.073
Number	230	230	228

EMISSIONS FOR 04321

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.87	4.08	4.24	4.40	4.59	4.62	4.85	4.91	4.93	4.50
0100-	4.84	4.93	5.01	4.92	4.58	4.06	3.93	3.74	3.59	3.38	4.30
0200-	3.25	3.19	3.01	3.07	3.29	3.29	3.37	3.36	3.24	3.27	3.23
0300-	3.24	3.31	3.34	3.18	3.22	3.21	3.68	3.81	3.76	3.83	3.46
0400-	3.86	3.79	3.93	3.85	3.91	4.42	4.78	5.43	5.72	5.93	4.56
0500-	5.52	4.95	5.19	5.44	5.21	5.40	5.13	4.93	4.85	4.64	5.13
0600-	5.05	5.15	4.98	4.57	4.27	4.15	3.82	3.59	3.46	3.38	4.24
0700-	3.54	3.54	3.58	3.61	3.67	3.73	3.71	(1)	(1)	(1)	3.63
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	9.02	8.24	8.26	4.48	8.70	8.69	7.57	7.60	7.82
1400-	8.31	8.76	9.64	9.91	9.38	8.62	9.27	8.30	8.36	8.86	8.94
1500-	9.04	9.37	9.28	9.54	8.87	5.54	5.35	5.32	5.62	5.98	7.39
1600-	5.91	5.49	5.27	5.59	5.47	5.37	5.11	5.08	4.84	4.45	5.26
1700-	4.43	4.93	5.25	5.37	5.73	5.78	6.26	7.07	7.41	7.74	6.00
1800-	8.22	8.08	8.36	8.06	7.74	7.65	7.25	6.84	6.50	6.00	7.47
1900-	5.85	5.92	5.88	5.69	5.96	5.69	5.62	5.78	5.35	5.57	5.73
2000-	5.43	5.13	4.76	4.67	4.63	4.73	4.71	4.95	4.99	4.94	4.90
2100-	5.27	5.46	5.56	5.33	4.85	4.32	4.78	4.41	3.99	4.00	4.80
2200-	4.00	4.40	4.26	4.14	4.17	4.27	4.56	4.90	4.82	4.83	4.44
2300-	4.98	5.26	5.83	6.33	6.58	6.22	6.32	5.42	5.29	5.28	5.75

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 56
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 184

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.35	5.33	5.35
Std Deviation	1.682	---	1.682
Variance	2.828	---	2.828
Number	184	184	184

EMISSIONS FOR 04320

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.95	3.68	3.55	3.13	1.31	2.75	3.82	3.70	3.54	3.27
0100-	3.62	3.63	1.82	3.28	3.46	4.04	3.99	1.65	3.18	3.53	3.22
0200-	2.18	1.10	3.27	3.80	3.72	3.60	3.67	2.91	2.49	4.31	3.11
0300-	4.18	4.22	4.69	5.08	5.37	6.21	6.99	7.50	8.87	9.68	6.28
0400-	10.45	10.77	10.89	11.56	12.71	13.70	14.59	14.49	13.66	13.02	12.58
0500-	12.33	12.30	12.66	11.84	11.71	11.60	10.16	7.48	5.90	5.78	10.18
0600-	5.27	5.11	5.11	5.64	6.00	5.83	5.69	5.58	6.30	6.87	5.74
0700-	7.11	8.71	10.00	8.26	8.40	8.78	9.87	11.50	15.09	12.88	10.06
0800-	12.22	11.47	14.25	13.14	13.63	15.12	15.94	16.05	15.45	15.39	14.27
0900-	15.06	12.82	11.41	11.40	11.63	12.09	12.53	12.59	13.08	14.33	12.69
1000-	14.78	14.01	13.66	12.34	12.15	12.29	12.55	12.42	12.39	11.98	12.86
1100-	11.52	11.47	11.34	10.61	9.88	8.53	8.01	7.21	6.14	5.24	9.00
1200-	5.15	4.90	4.56	4.20	4.04	4.02	4.01	4.15	4.20	4.10	4.33
1300-	3.95	3.98	4.26	4.70	4.95	3.14	5.41	5.49	5.91	5.91	4.77
1400-	5.89	5.96	5.82	5.62	5.26	4.71	4.18	3.74	3.54	3.37	4.81
1500-	3.13	2.86	2.75	2.66	3.02	2.54	3.24	4.37	4.82	2.62	3.20
1600-	2.95	3.19	3.23	3.16	3.51	3.82	3.89	3.42	3.23	3.79	3.42
1700-	4.18	6.10	9.29	11.17	11.37	11.14	10.72	10.59	11.22	9.20	9.50
1800-	9.56	9.84	9.28	8.38	7.57	7.05	5.94	5.34	4.67	4.26	7.19
1900-	4.47	4.59	5.09	4.62	4.18	3.91	3.93	3.99	3.96	4.34	4.31
2000-	4.87	5.67	6.51	7.55	8.20	8.36	9.58	10.08	10.52	10.77	8.21
2100-	11.45	12.17	11.79	12.53	12.63	12.58	12.49	12.04	11.48	10.97	12.01
2200-	10.50	9.43	8.33	7.13	5.75	4.95	4.22	3.71	3.60	3.50	6.11
2300-	3.57	3.51	3.45	3.34	3.25	3.23	3.39	3.49	3.64	3.68	3.45

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	7.29	7.29
Std Deviation	3.917	3.917
Variance	15.340	15.340
Number	239	239

EMISSIONS FOR 04319

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04318

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	3.88	4.11	4.05	3.97	3.74	4.19	4.38	4.05
1000-	4.48	4.50	4.64	4.45	4.66	4.92	5.38	5.31	5.65	5.88	4.99
1100-	6.00	6.64	6.82	7.25	7.97	7.90	8.12	8.08	8.16	8.46	7.54
1200-	8.44	8.23	8.16	7.92	7.52	7.27	6.91	6.83	6.73	6.65	7.47
1300-	6.35	5.47	5.33	5.18	5.29	3.78	5.14	4.98	4.70	4.48	5.07
1400-	4.44	4.41	4.34	4.14	4.21	4.04	3.93	3.98	3.99	3.81	4.13
1500-	3.72	3.76	3.83	3.86	4.47	3.56	3.94	3.91	3.80	3.52	3.84
1600-	3.70	3.71	3.81	4.08	4.30	4.13	4.00	3.94	4.03	4.12	3.98
1700-	3.82	3.70	3.71	3.63	3.38	3.24	3.19	3.16	3.18	3.16	3.42
1800-	3.27	3.26	3.38	3.55	3.64	3.77	3.97	3.94	3.78	3.96	3.65
1900-	3.62	3.61	3.53	3.47	3.30	3.10	2.91	2.80	2.65	2.47	3.15
2000-	2.33	2.35	2.90	2.53	2.64	2.56	2.50	2.56	2.82	3.08	2.63
2100-	2.99	3.21	3.32	3.38	3.85	4.21	4.81	5.12	5.29	5.68	4.19
2200-	5.52	5.45	5.44	5.76	6.37	6.62	6.91	7.13	7.19	6.91	6.33
2300-	7.54	8.05	7.79	7.79	8.26	8.33	7.72	7.86	7.63	7.50	7.85

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 93
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 147

=====			=====		
NOx in pounds per ton of clinker produced					
=====			=====		
ALL NON-ZERO DATA			KILN SPEED > 20 rph		
=====			=====		
Arithmetic	Weighted		Arithmetic		
=====			=====		
Average	4.83	4.78	4.83		
Std Deviation	1.725	---	1.725		
Variance	2.974	---	2.974		
Number	147	147	147		
=====			=====		

EMISSIONS FOR 04317

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.29	8.82	8.49	8.78	8.88	8.65	8.75	8.65	8.98	8.81
0100-	9.39	8.93	8.42	8.08	7.65	7.69	8.65	8.50	9.00	8.39	8.47
0200-	9.58	7.72	6.77	6.20	5.34	5.27	4.97	5.08	5.28	5.45	6.17
0300-	5.23	4.75	4.68	4.50	4.36	5.08	5.15	5.06	5.22	4.82	4.89
0400-	4.59	4.12	1.60	1.95	2.08	2.23	1.98	4.14	6.51	7.62	3.68
0500-	9.27	8.48	7.39	8.71	9.40	11.46	11.89	11.33	11.98	12.62	10.25
0600-	13.20	11.11	10.02	9.44	8.61	8.16	8.09	8.49	8.90	8.46	9.45
0700-	8.34	8.95	9.87	10.27	9.51	3.52	2.84	2.69	2.89	2.96	6.18
0800-	3.08	3.12	3.24	2.71	2.53	3.78	9.91	11.03	11.55	11.77	6.27
0900-	12.57	12.54	13.15	12.35	12.14	12.67	13.14	11.96	11.57	10.21	12.23
1000-	7.23	9.74	5.74	6.89	2.01	2.68	1.89	1.78	1.71	1.74	4.14
1100-	1.80	1.92	1.86	1.92	2.04	2.08	2.14	2.46	4.96	3.77	2.50
1200-	4.57	4.90	5.49	5.27	5.37	5.08	4.50	4.29	4.50	4.86	4.88
1300-	4.96	5.51	5.36	5.75	5.88	3.71	5.65	5.88	5.96	5.97	5.46
1400-	5.89	6.07	5.88	6.01	5.39	4.93	4.77	4.51	4.21	4.14	5.18
1500-	4.00	3.86	3.99	3.77	4.44	3.77	3.63	3.61	3.57	3.60	3.82
1600-	3.63	3.42	3.67	3.88	3.90	3.85	4.01	4.21	4.14	4.36	3.91
1700-	4.50	4.47	4.46	4.12	3.82	4.21	4.49	4.46	4.54	4.62	4.37
1800-	4.52	4.36	4.32	4.29	4.76	5.11	4.97	4.99	5.14	5.02	4.75
1900-	4.74	5.19	5.48	5.59	5.63	5.96	5.74	5.41	5.37	5.26	5.44
2000-	4.86	5.05	4.58	4.53	4.48	4.36	4.27	4.52	4.19	4.19	4.50
2100-	3.98	3.74	3.74	3.71	3.60	3.65	3.96	4.10	4.30	4.49	3.93
2200-	4.71	4.82	5.24	5.30	5.28	5.61	5.72	5.67	5.97	5.86	5.42
2300-	6.02	5.97	6.26	6.22	6.23	5.66	5.93	5.80	5.65	6.06	5.98

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.85	5.85	
Std Deviation	2.719	2.719	
Variance	7.395	7.395	
Number	239	239	

EMISSIONS FOR 04316

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.03	6.41	6.33	6.50	6.89	7.13	7.24	7.66	7.26	6.83
0100-	7.13	7.01	7.26	7.30	7.53	8.02	7.68	7.81	7.63	7.75	7.51
0200-	8.05	8.29	8.78	8.22	8.88	9.37	9.75	9.92	8.98	8.05	8.83
0300-	7.50	7.75	7.24	6.36	6.51	6.88	7.11	6.47	5.77	5.59	6.72
0400-	5.56	5.51	5.22	5.15	4.90	4.71	4.58	4.54	4.43	4.35	4.90
0500-	4.30	4.18	4.19	4.07	4.00	3.94	4.06	4.08	4.04	4.18	4.10
0600-	4.17	4.09	4.18	4.31	4.27	4.05	4.11	4.23	4.25	4.20	4.19
0700-	4.25	4.31	4.44	4.58	4.45	4.50	4.59	4.82	5.13	5.04	4.61
0800-	5.29	5.43	5.69	5.67	6.01	6.09	6.26	6.12	6.16	5.64	5.84
0900-	5.45	5.58	5.25	5.39	5.41	5.55	5.67	5.52	5.77	5.72	5.53
1000-	5.70	5.65	5.62	5.50	5.70	5.27	5.30	5.40	5.21	4.61	5.40
1100-	4.24	4.17	3.79	3.70	3.56	3.23	3.17	3.64	3.84	3.93	3.73
1200-	4.03	4.00	3.94	3.97	3.87	3.73	4.09	4.32	4.27	4.46	4.07
1300-	4.74	5.03	5.06	4.95	4.92	3.43	5.18	5.17	5.14	5.11	4.87
1400-	4.86	4.10	4.33	3.74	3.84	3.78	3.72	3.56	3.42	3.22	3.86
1500-	3.17	3.12	3.12	3.10	3.23	2.71	2.65	2.64	2.63	2.54	2.89
1600-	2.50	2.56	2.54	2.50	2.52	2.47	2.44	2.41	2.44	2.39	2.48
1700-	2.36	2.31	2.21	2.21	2.34	2.39	2.41	2.39	2.23	2.24	2.31
1800-	2.32	2.23	2.33	2.52	2.55	2.51	2.82	3.26	3.46	4.03	2.80
1900-	4.38	4.46	4.73	4.84	4.68	5.17	4.85	4.43	3.84	3.31	4.47
2000-	2.53	2.17	2.07	2.15	2.35	2.36	2.27	2.34	2.50	3.81	2.46
2100-	*15.96	2.98	2.49	3.04	3.39	4.76	5.60	6.12	5.47	5.05	5.48
2200-	5.68	6.55	6.79	7.13	7.21	7.52	6.75	7.25	7.14	6.89	6.89
2300-	7.31	7.61	7.65	7.52	7.39	7.39	8.18	8.87	9.08	8.97	8.00

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 238

=====			=====		
NOx in pounds per ton of clinker produced					
=====			=====		
ALL NON-ZERO DATA			KILN SPEED > 20 rph		
=====			=====		
Arithmetic	Weighted		Arithmetic		
=====			=====		
Average	4.94	4.86	4.89		
Std Deviation	1.981	---	1.851		
Variance	3.925	---	3.426		
Number	239	239	238		
=====			=====		

EMISSIONS FOR 04315

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.20	5.48	5.19	5.85	5.71	4.46	5.28	5.33	5.52	5.33
0100-	5.75	5.76	5.62	5.82	5.92	6.14	6.24	6.45	6.15	6.51	6.04
0200-	7.09	7.46	7.48	7.08	6.74	6.15	6.21	6.40	6.09	5.80	6.65
0300-	6.12	5.97	6.01	5.68	5.34	5.03	4.64	4.55	4.20	4.13	5.17
0400-	3.90	3.75	3.58	3.63	3.52	3.42	3.61	3.59	3.60	3.58	3.62
0500-	3.54	3.43	3.42	3.52	3.58	3.49	3.58	3.53	3.56	3.60	3.53
0600-	3.48	3.44	3.41	3.12	2.91	2.85	2.99	3.49	3.34	3.32	3.24
0700-	3.53	3.66	3.70	3.66	3.86	3.91	4.02	4.19	4.38	4.45	3.94
0800-	4.61	4.94	5.34	5.23	5.11	5.13	5.06	4.99	5.01	4.71	5.02
0900-	4.59	4.56	4.48	4.35	3.82	3.76	3.87	3.79	3.56	3.34	4.01
1000-	3.32	3.27	3.36	3.37	3.45	3.39	3.44	3.49	3.41	3.38	3.39
1100-	3.42	3.40	3.53	3.39	3.11	3.05	2.90	2.79	2.76	2.62	3.10
1200-	2.90	2.94	2.95	3.09	2.51	2.40	2.57	2.64	2.93	2.98	2.79
1300-	2.80	2.78	2.67	2.67	2.85	2.71	3.16	3.20	3.41	3.19	2.94
1400-	3.31	3.75	4.24	4.70	4.82	5.17	4.80	5.01	5.33	5.65	4.68
1500-	6.24	6.53	5.90	4.94	5.24	4.17	4.15	3.89	3.55	3.24	4.78
1600-	3.09	2.74	2.70	2.58	2.54	2.42	2.23	2.16	2.03	2.23	2.47
1700-	2.26	2.24	2.23	2.27	2.28	2.33	2.34	2.38	2.44	2.50	2.33
1800-	2.49	2.59	2.62	2.63	2.60	2.60	2.64	2.74	2.93	2.99	2.68
1900-	3.02	3.05	3.32	3.42	3.65	3.73	3.90	4.09	4.17	3.74	3.61
2000-	3.62	3.80	3.62	3.38	3.21	3.25	2.93	2.96	3.10	3.14	3.30
2100-	3.12	3.12	3.23	3.53	3.79	3.76	3.56	3.69	3.65	3.72	3.52
2200-	3.71	3.76	3.82	3.89	3.88	3.95	4.22	4.37	4.40	4.83	4.08
2300-	5.52	5.61	6.03	6.30	6.85	6.54	6.72	6.26	5.61	5.82	6.13

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	4.01	4.01	4.01
Std Deviation	1.252	1.252	1.252
Variance	1.568	1.568	1.568
Number	239	239	239
=====			

EMISSIONS FOR 04314

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	3.77	3.64	3.43	3.58	3.83	4.02	4.32	4.61	4.98	5.37	4.16
1500-	5.76	6.08	6.11	6.19	6.64	6.32	6.11	5.80	5.33	4.68	5.90
1600-	3.84	3.59	3.41	3.33	3.15	2.88	2.78	3.05	2.93	2.89	3.19
1700-	2.73	2.76	2.85	2.93	3.11	3.27	3.42	3.46	3.67	4.06	3.23
1800-	4.40	5.05	5.38	6.04	6.64	7.01	7.14	7.21	7.50	7.31	6.37
1900-	7.29	7.10	6.58	6.76	6.40	6.02	5.70	5.19	4.78	4.51	6.03
2000-	4.64	4.33	4.02	4.03	4.24	4.06	4.07	4.01	3.86	3.85	4.11
2100-	3.72	3.61	3.48	3.54	3.47	3.33	3.39	3.52	3.58	3.58	3.52
2200-	3.78	3.82	4.13	4.33	4.36	4.30	4.45	4.37	4.61	4.43	4.26
2300-	4.64	4.95	5.29	5.76	(4)	(1)	(1)	(1)	(1)	(1)	5.16

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 145
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 94

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.56	0.00	4.56
Std Deviation	1.296	---	1.296
Variance	1.680	---	1.680
Number	94	94	94
=====			

EMISSIONS FOR 04313

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	6.86	6.84	5.80	4.55	6.01
0100-	4.55	4.72	4.57	4.51	4.59	4.30	4.06	4.04	4.06	4.03	4.34
0200-	3.78	3.87	3.90	4.72	5.09*	8.29*	7.08*	21.88*	42.42*	50.11	15.11
0300-*	47.92*	18.58	6.53	3.00*	4.48*	5.06*	3.98	3.64	3.41	3.76	10.03
0400-	5.05	5.68	5.55	5.38	5.64	6.12	6.71	6.59	6.56	6.90	6.02
0500-	6.88	6.75	6.27	6.36	7.25	6.81	6.14	5.99	6.54	7.25	6.62
0600-	9.04	9.74	9.18	7.54	7.96	9.01	9.77	10.00	9.87	10.47	9.26
0700-	11.70	7.43	3.91	5.83	4.40	4.12	4.54*	18.80*	68.94*	16.75	14.64
0800-*	2.83*	0.75*	0.58*	0.66*	1.05*	1.02*	2.51*	4.03*	8.95	(1)	2.49
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	7.33	9.26	9.80	9.31	8.99	8.94
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 22
 (1) No value taken or data not retrievable : 152
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 66

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

8.54 0.00
 10.498 ---
 110.205 ---
 88 88

6.28
 2.099
 4.405
 66

EMISSIONS FOR 04312

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.30	4.44	4.42	4.55	4.69	4.49	4.42	4.44	4.51	4.47
0100-	4.64	4.66	4.57	4.67	4.74	5.13	5.11	5.24	5.46	5.40	4.96
0200-	5.79	5.90	5.92	6.30	6.49	6.57	6.92	6.96	6.82	7.22	6.49
0300-	7.52	7.13	6.88	7.63	7.73	7.74	7.87	7.16	7.02	6.48	7.31
0400-	6.35	5.56	5.55	5.91	5.81	5.35	5.41	5.79	6.12	6.26	5.81
0500-	5.44	4.98	4.55	4.81	4.88	4.78	4.86	4.85	4.87	5.10	4.91
0600-	5.09	5.33	5.34	5.45	5.33	5.15	4.99	4.83	4.55	4.30	5.04
0700-	4.18	4.32	4.29	4.01	3.74	4.33	4.78	4.99	4.77	4.22	4.36
0800-	4.34	4.68	4.69	4.93	4.51	3.78	4.01	3.83	3.57	3.64	4.20
0900-	3.62	3.56	3.72	3.99	4.14	4.28	4.32	4.49	4.71	5.04	4.19
1000-	5.88	6.50	6.83	6.17	6.14	6.01	6.42	6.51	6.02	6.02	6.25
1100-	5.94	5.80	5.72	5.72	5.80	5.52	5.74	5.85	6.02	6.29	5.84
1200-	6.55	6.28	6.89	6.86	6.86	6.81	6.50	6.44	6.45	6.63	6.63
1300-	6.00	6.49	6.59	6.13	6.30	3.89	6.44	6.14	6.36	6.18	6.05
1400-	5.78	4.45	4.67	4.93	6.32	6.70	6.22	5.54	5.71	5.60	5.59
1500-	6.36	6.90	6.53	6.37	5.90	4.74	4.83	5.50	5.56	5.95	5.86
1600-	6.80	7.03	6.84	7.13	7.02	7.39	7.24	7.87	7.23	6.44	7.10
1700-	5.60	5.58	5.63	5.84	5.44	5.50	5.77	5.98	6.03	6.16	5.75
1800-	5.94	5.96	5.96	5.91	5.81	5.76	5.53	5.82	6.08	6.24	5.90
1900-	6.34	6.89	6.96	7.16	7.50	7.53	7.39	7.18	7.37	7.32	7.17
2000-	6.66	6.67	6.61	6.29	5.77	5.68	5.26	5.08	5.12	4.94	5.81
2100-	4.86	4.80	4.86	4.93	5.27	5.21	5.29	5.29	5.57	5.60	5.17
2200-	5.97	6.13	6.01	5.52	5.43	5.22	5.18	5.21	5.34	5.07	5.51
2300-	5.30	5.33	5.31	5.37	5.62	5.35	5.62	6.23	6.35	6.86	5.73

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.68	5.68	
Std Deviation	0.975	0.975	
Variance	0.951	0.951	
Number	239	239	

EMISSIONS FOR 04311

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.93	8.36	7.84	7.40	7.15	7.51	7.09	7.06	6.88	7.58
0100-	6.54	6.08	6.00	5.51	5.45	5.49	5.27	5.31	5.41	5.00	5.61
0200-	5.06	5.08	5.34	5.37	5.31	5.42	5.72	5.84	6.12	6.38	5.56
0300-	6.38	5.75	3.69	6.84	6.19	4.89	5.63	6.06	6.49	5.93	5.78
0400-	5.16	5.74	6.96	7.50	7.47	6.87	6.05	5.53	5.87	5.79	6.29
0500-	6.16	5.93	5.67	5.71	5.79	5.61	5.26	5.03	5.42	5.24	5.58
0600-	5.13	4.87	4.97	4.89	4.85	4.80	4.75	5.09	5.83	5.79	5.10
0700-	5.99	6.03	6.09	6.08	5.91	5.96	7.39	6.76	7.33	9.16	6.67
0800-	9.99	10.09	9.36	7.08	6.20	6.55	7.78	7.79	6.89	6.24	7.80
0900-	6.41	7.13	7.38	7.39	7.44	7.68	7.62	7.21	7.29	7.38	7.29
1000-	7.12	7.10	7.36	7.02	7.05	7.38	7.26	7.62	7.50	7.39	7.28
1100-	7.04	7.00	6.96	6.95	6.94	7.05	6.69	6.76	6.58	6.23	6.82
1200-	5.89	5.86	6.27	6.09	6.36	6.40	6.79	7.15	6.89	7.01	6.47
1300-	6.94	7.22	6.68	6.77	6.89	3.99	7.22	6.81	6.66	6.57	6.58
1400-	6.36	6.26	6.39	6.60	6.34	6.08	5.74	5.51	5.19	5.33	5.98
1500-	5.12	5.01	4.92	5.04	5.68	5.17	5.26	5.27	5.07	5.23	5.18
1600-	5.35	5.26	5.43	5.44	5.63	5.70	5.80	5.56	5.56	5.54	5.53
1700-	5.51	5.65	5.59	5.75	5.58	5.45	5.56	5.48	5.47	5.48	5.55
1800-	5.36	5.31	5.30	5.28	5.39	5.57	5.62	5.92	5.91	5.52	5.52
1900-	5.47	5.70	5.55	5.48	5.47	5.61	5.58	5.92	5.65	5.79	5.62
2000-	5.77	5.99	5.98	5.74	6.04	6.04	5.95	5.95	5.73	5.52	5.87
2100-	5.45	5.43	5.49	5.77	5.68	5.67	5.60	5.82	5.94	5.76	5.66
2200-	5.70	5.28	5.12	5.01	4.87	4.89	4.72	4.53	4.51	4.48	4.91
2300-	4.49	4.49	4.53	4.43	4.26	4.36	4.39	4.42	4.31	4.19	4.39

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.02	6.03	6.02
Std Deviation	1.013	---	1.013
Variance	1.027	---	1.027
Number	239	239	239
=====			

EMISSIONS FOR 04310

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	3.50	3.52	3.13	3.58	3.24	3.06	3.69	3.47	3.58	3.42
1000-	3.70	4.32	6.15	8.62	8.49	8.72	8.13	7.81	7.59	7.32	7.09
1100-	7.27	7.20	6.09	5.43	4.78	4.75	4.35	4.68	4.52	4.40	5.35
1200-	3.62	3.57	3.51	3.33	3.30	3.39	3.40	3.43	3.50	3.64	3.47
1300-	3.78	3.84	3.79	3.84	3.98	2.73	4.42	5.58	6.29	6.40	4.47
1400-	6.52	6.45	6.84	6.85	7.37	(1)	(1)	(1)	(1)	(1)	6.81
1500-	(1)	(1)	(1)	(1)	11.95	7.60	6.69	5.81	5.97	5.75	7.30
1600-	5.29	4.68	4.94	5.47	5.95	6.56	7.26	7.93	9.13	9.16	6.64
1700-	9.15	11.66	12.06	12.17	12.19	10.97	9.07	8.73	7.41	7.68	10.11
1800-	8.07	7.73	6.99	6.98	6.47	5.90	6.05	5.90	6.06	6.67	6.68
1900-	7.17	7.52	7.70	7.41	7.10	6.50	6.14	6.85	8.30	9.10	7.38
2000-	10.13	11.13	11.82	12.46	12.28	12.66	12.46	11.78	10.48	10.29	11.55
2100-	9.25	8.57	8.19	8.10	7.93	8.17	8.54	7.67	8.52	8.91	8.38
2200-	8.60	9.19	9.05	9.99	10.24	10.68	11.05	10.95	10.80	11.39	10.19
2300-	11.08	11.63	11.99	11.02	10.81	10.52	10.15	9.99	9.83	9.39	10.64

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 100
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 140

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.34	7.34	
Std Deviation	2.754	2.754	
Variance	7.587	7.587	
Number	140	140	

EMISSIONS FOR 04309

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04308

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04307

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	*22.85	*17.51	*22.89	*17.51	*22.29	(4)	(1)	(1)	(1)	20.61
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 5
 (1) No value taken or data not retrievable : 234
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 1
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	20.61	0.00	0.00
Std Deviation	2.841	0.000	0.000
Variance	8.069	0.000	0.000
Number	5	0	0

EMISSIONS FOR 04306

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04305

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	8.66	8.16	8.29	8.30	8.06	7.71	6.96	6.94	7.19	7.85	7.81
1700-	5.86	5.23	5.58	5.57	5.34	4.75	4.86	4.86	4.87	6.50	5.34
1800-	7.22	7.17	7.01	6.24	6.43	6.39	5.87	6.41	6.83	6.51	6.61
1900-	5.97	4.94	6.35	8.39	8.33	7.84	7.24	7.03	6.36	7.16	6.96
2000-	8.15	8.62	7.93	7.46	7.17	6.14	5.92	6.55	6.13	(1)	7.12
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 191
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 49

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.76	6.76	
Std Deviation	1.109	1.109	
Variance	1.231	1.231	
Number	49	49	
=====			

EMISSIONS FOR 04304

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04303

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	7.58	10.97	12.29	9.95	8.34	9.29	9.87	9.01	8.88	8.88	9.50
1100-	8.84	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.84
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	4.47	4.48	4.50	4.42	4.12	4.11	3.96	4.96	4.38
1500-	7.96	7.97	7.86	8.56	10.68	8.88	9.01	9.39	9.22	9.71	8.92
1600-	12.53	9.34	11.95	11.93	11.98	11.98	12.23	12.55	12.17	11.12	11.78
1700-	11.33	11.12	11.37	11.56	11.30	10.03	9.72	9.70	9.70	9.60	10.54
1800-	9.33	9.05	8.94	8.92	8.71	8.20	10.19	12.83	13.93	14.01	10.41
1900-	13.94	10.93	8.80	8.63	8.77	8.80	8.84	8.49	8.39	8.38	9.40
2000-	8.32	8.43	8.43	8.31	8.24	8.06	7.91	7.86	7.95	7.78	8.13
2100-	7.80	7.90	7.96	8.15	8.59	7.92	7.84	7.90	8.12	8.04	8.02
2200-	8.22	8.31	8.53	8.62	8.64	8.28	7.95	7.64	10.17	11.82	8.82
2300-	11.03	7.49	7.78	7.90	7.72	8.41	9.84	9.79	8.46	10.43	8.89

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 131
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 109

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	9.06	8.93	9.06
Std Deviation	2.054	---	2.054
Variance	4.220	---	4.220
Number	109	109	109
=====			

EMISSIONS FOR 04302

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	12.42	10.95	6.41	7.89	7.38	7.28	4.39	4.95	4.80	7.39
0100-	5.88	5.27	6.42	6.51	7.27	5.04	3.78	6.14	3.29	3.43	5.30
0200-	3.61	3.47	3.59	4.21	4.46	2.96	3.03	2.96	2.88	2.95	3.41
0300-	3.16	2.70	2.80	3.40	3.78	4.00	4.01	4.18	4.34	4.38	3.67
0400-	4.61	4.02	3.99	4.00	5.35	6.40	7.35	7.47	9.04	6.19	5.84
0500-	5.12	6.49	7.38	8.43	9.62	9.82	9.01	7.89	7.51	7.29	7.86
0600-	6.09	3.03	3.13	4.28	2.65	2.85	3.24	3.20	3.28	3.26	3.50
0700-	3.35	3.50	3.65	3.69	5.64	4.93	3.48	3.49	3.28	3.02	3.80
0800-	3.17	3.23	3.12	5.39	4.77	2.96	2.92	3.00	2.86	2.98	3.44
0900-	2.31	3.18	3.17	3.11	3.25	3.23	4.60	3.28	5.37	6.65	3.82
1000-	9.55	9.62	9.68	10.07	9.93	10.18	9.17	6.74	6.75	6.80	8.85
1100-	6.85	6.84	7.42	10.38	10.39	8.94	6.41	6.42	7.39	6.29	7.73
1200-	5.87	5.99	6.47	6.58	6.69	6.75	6.64	6.93	6.93	6.86	6.57
1300-	8.18	8.87	9.19	11.09	12.74	12.85	12.78	13.00	12.74	12.02	11.35
1400-	12.23	10.60	10.69	10.37	10.31	10.19	10.02	9.77	8.95	8.97	10.21
1500-	9.28	9.39	9.24	9.28	9.24	8.95	8.04	7.88	7.70	7.98	8.70
1600-	8.15	8.14	8.34	8.25	8.50	7.88	7.96	7.93	7.92	7.96	8.10
1700-	10.35	8.24	8.61	8.44	8.56	8.66	8.71	8.57	8.95	8.42	8.75
1800-	8.36	8.31	12.37	12.66	12.64	12.57	10.17	6.42	5.40	5.37	9.43
1900-	5.94	9.25	6.08	6.34	7.35	4.83	4.63	4.67	4.95	5.33	5.94
2000-	5.35	5.68	5.22	5.33	5.15	5.17	5.02	5.40	5.24	4.90	5.25
2100-	4.41	4.58	4.38	4.53	5.70	7.59	8.37	8.72	9.19	10.06	6.75
2200-	10.34	10.32	10.33	10.26	10.28	10.38	10.44	10.30	10.45	10.40	10.35
2300-	10.43	10.46	10.39	10.62	10.33	10.19	10.21	10.16	10.06	10.22	10.31

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.93	6.75	6.93
Std Deviation	2.810	---	2.810
Variance	7.897	---	7.897
Number	239	239	239
=====			

EMISSIONS FOR 04301

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.18	3.31	3.17	3.07	3.29	3.04	3.07	2.63	2.43	3.02
0100-	2.95	3.25	2.66	3.03	2.87	3.23	3.76	3.62	3.59	3.53	3.25
0200-	3.51	4.66	3.39	3.34	2.66	2.80	2.86	2.70	2.51	2.57	3.10
0300-	2.38	2.40	2.46	2.45	2.45	2.53	2.45	2.43	3.11	4.12	2.68
0400-	3.32	2.88	4.44	3.36	3.50	4.19	7.21	2.97	3.46	3.60	3.89
0500-	3.88	4.20	4.18	4.28	4.59	4.57	5.02	4.05	3.58	3.48	4.18
0600-	3.43	3.39	3.24	3.18	3.86	4.34	2.88	2.81	2.76	2.80	3.27
0700-	3.59	5.68	3.11	3.17	3.10	2.99	3.11	3.19	3.91	5.80	3.76
0800-	3.78	6.07	6.43	5.99	4.83	3.97	3.28	3.12	3.12	3.14	4.37
0900-	2.46	3.33	3.47	3.53	3.59	3.65	3.79	5.02	7.35	8.63	4.48
1000-	9.40	9.28	9.95	9.98	9.96	10.08	9.89	9.18	9.91	9.14	9.68
1100-	8.79	9.43	9.72	10.00	10.05	10.10	10.00	10.10	7.03	6.70	9.19
1200-	6.90	7.05	7.45	7.07	7.12	7.14	7.61	7.25	6.99	7.44	7.20
1300-	7.09	7.47	7.17	7.01	6.96	7.15	7.09	7.11	6.98	6.97	7.10
1400-	7.08	7.05	7.12	7.24	7.13	7.10	7.08	6.97	7.02	7.04	7.08
1500-	6.93	6.85	6.88	6.86	6.85	6.82	6.87	6.76	6.77	6.83	6.84
1600-	6.68	6.62	6.67	7.44	6.64	6.61	6.68	6.79	6.96	6.81	6.79
1700-	8.30	6.36	7.06	6.66	6.87	7.99	11.41	11.56	9.94	10.05	8.62
1800-	7.15	3.58	2.83	2.80	2.94	3.01	3.25	3.79	9.07	7.43	4.58
1900-	5.57	4.43	3.33	3.08	2.62	2.51	2.69	3.67	5.46	4.83	3.82
2000-	6.13	4.86	3.68	3.17	5.17	3.14	2.57	3.55	3.61	3.44	3.93
2100-	3.62	3.56	5.45	3.41	3.26	4.41	4.33	4.68	5.14	2.76	4.06
2200-	2.69	2.53	2.68	2.89	5.26	5.28	3.34	6.05	7.82	6.33	4.49
2300-	8.23	7.29	7.02	7.89	8.23	10.43	9.67	8.25	8.91	8.74	8.47

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	5.34	5.34	
Std Deviation	2.381	2.381	
Variance	5.671	5.671	
Number	239	239	
=====			

EMISSIONS FOR 04300

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.28	6.75	5.80	5.23	6.28	6.12	5.65	4.52	4.36	5.67
0100-	3.37	5.04	5.45	4.33	3.71	3.67	3.97	4.01	3.79	3.40	4.07
0200-	3.66	4.04	4.27	3.95	3.76	3.80	3.95	4.04	4.26	4.16	3.99
0300-	4.13	3.98	4.52	4.95	4.71	4.46	4.39	4.18	4.15	4.05	4.35
0400-	3.72	4.00	4.01	4.06	4.01	4.13	4.22	4.45	4.46	4.76	4.18
0500-	4.99	5.06	5.13	5.49	5.57	5.61	5.24	5.09	4.62	4.81	5.16
0600-	5.43	5.55	5.48	5.46	5.36	5.37	5.29	4.91	4.95	5.04	5.28
0700-	5.20	5.16	5.21	5.16	5.03	4.70	4.70	4.52	5.35	5.27	5.03
0800-	5.21	5.08	5.08	4.55	4.62	4.50	4.48	4.49	4.50	4.69	4.72
0900-	3.05	4.94	4.92	4.94	4.92	4.92	5.12	5.59	5.81	9.49	5.37
1000-	10.75	10.79	9.15	9.77	7.75	7.43	7.95	7.34	7.23	7.26	8.54
1100-	7.43	7.29	7.32	7.33	7.33	7.31	7.48	7.48	8.03	8.02	7.50
1200-	8.24	7.73	7.62	7.70	7.55	7.69	7.69	7.63	7.64	7.58	7.71
1300-	7.46	7.40	7.35	7.09	7.02	6.97	7.00	7.09	7.25	7.17	7.18
1400-	7.02	6.98	7.06	8.22	7.52	7.13	7.14	7.15	7.29	6.99	7.25
1500-	6.89	6.77	6.74	6.91	9.45	8.04	7.38	6.55	6.50	6.34	7.16
1600-	6.41	6.64	8.39	7.68	10.69	8.03	9.58	9.84	9.66	9.66	8.66
1700-	9.69	9.69	9.63	9.84	9.80	9.45	9.43	9.55	9.34	9.39	9.58
1800-	9.44	9.43	9.31	9.30	9.32	9.39	9.45	9.47	9.42	9.47	9.40
1900-	9.55	9.44	10.19	9.36	9.40	9.43	9.40	9.38	9.31	8.79	9.42
2000-	8.51	8.69	8.94	8.16	7.10	7.06	7.00	5.99	4.94	7.26	7.37
2100-	8.48	8.65	8.76	8.62	6.74	3.89	4.17	6.30	7.72	8.93	7.23
2200-	8.88	8.84	8.83	7.65	5.89	4.98	3.37	3.76	4.63	3.50	6.03
2300-	4.32	3.70	5.14	3.97	4.30	4.35	3.84	4.22	3.95	3.79	4.16

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.46	6.46	
Std Deviation	2.022	2.022	
Variance	4.088	4.088	
Number	239	239	
=====			

EMISSIONS FOR 04299

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04298

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	2.47	2.46	2.44	2.33	2.33	2.21	2.26	2.36
1000-	2.33	2.25	2.33	3.36	8.36	7.88	7.95	7.77	7.89	7.60	5.77
1100-	7.70	11.45	12.58	12.99	13.52	14.43	15.01	15.73	15.23	15.55	13.42
1200-	15.45	15.55	15.05	15.16	14.88	14.88	14.60	15.19	15.23	(4)	15.11
1300-	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	*40.45	43.12	41.79
1400-	40.40	34.21	24.32	22.41	19.07	19.16	19.90	18.35	17.61	17.39	23.28
1500-	19.50	17.12	18.49	16.52	15.66	16.24	13.62	13.51	13.70	13.76	15.81
1600-	12.00	12.07	11.75	11.36	10.86	10.49	11.03	10.73	10.35	9.96	11.06
1700-	12.22	9.73	11.93	12.09	12.08	12.32	14.15	13.10	12.64	12.59	12.28
1800-	13.48	17.20	17.83	19.61	19.69	19.47	17.57	15.56	13.77	14.38	16.86
1900-	15.68	16.86	16.96	15.97	15.98	15.74	16.19	16.70	14.35	11.98	15.64
2000-	13.35	13.47	13.28	10.23	7.78	6.68	7.84	6.92	12.12	14.32	10.60
2100-	13.25	11.39	6.50	5.54	11.84	12.83	14.25	14.91	13.89	12.16	11.66
2200-	11.01	8.48	13.13	11.68	6.86	6.65	5.71	4.78	4.79	5.42	7.85
2300-	6.78	7.65	7.41	6.69	6.09	3.63	3.81	2.94	2.73	5.46	5.32

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 93
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 9
 All other observations : 137

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	12.55	13.85	12.34
Std Deviation	6.843	---	6.435
Variance	46.833	---	41.412
Number	138	138	137

EMISSIONS FOR 04297

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.54	1.47	1.50
1500-	1.54	1.55	1.73	1.83	1.95	2.08	2.14	2.40	2.66	2.48	2.04
1600-	2.47	2.74	2.77	3.10	2.76	2.59	2.79	2.57	2.25	2.00	2.60
1700-	1.59	2.47	2.57	2.29	2.22	2.12	1.97	2.35	2.57	2.47	2.26
1800-	2.57	2.90	2.91	2.59	2.48	2.43	2.37	2.19	2.10	2.22	2.48
1900-	2.52	2.76	3.27	3.44	3.51	2.87	3.00	2.55	2.19	1.71	2.78
2000-	1.56	1.84	1.62	1.77	1.53	1.45	1.46	1.55	1.62	1.52	1.59
2100-	1.49	1.52	1.66	1.80	1.83	1.69	1.61	1.66	1.84	1.95	1.71
2200-	1.94	1.88	1.91	1.86	1.77	1.77	1.85	1.93	1.86	1.81	1.86
2300-	1.88	1.65	1.64	1.66	1.62	1.71	1.83	1.83	1.89	1.95	1.77

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 148
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 92

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	2.11	2.21	2.11
Std Deviation	0.498	---	0.498
Variance	0.248	---	0.248
Number	92	92	92
=====			

EMISSIONS FOR 04296

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.98	1.74	1.96	1.92	1.83	1.82	1.79	1.75	1.90	1.85
0100-	1.18	1.91	1.81	1.81	2.03	2.12	2.38	2.44	2.18	1.92	1.98
0200-	1.84	1.95	2.13	2.10	1.94	1.94	2.03	2.25	2.24	2.28	2.07
0300-	2.37	2.52	2.42	2.38	2.57	2.55	2.58	2.61	2.64	2.53	2.52
0400-	2.48	2.35	2.27	2.25	2.33	2.45	2.48	2.46	2.55	2.67	2.43
0500-	2.68	2.82	2.92	2.95	2.91	2.89	2.63	2.50	2.47	2.55	2.73
0600-	2.47	2.54	2.46	2.49	2.49	2.42	2.33	2.03	1.93	1.73	2.29
0700-	1.85	1.95	2.12	1.99	2.03	2.03	1.91	2.00	2.07	1.88	1.98
0800-	2.37	2.26	2.38	1.90	1.96	1.83	2.65	2.22	2.45	18.23	3.82
0900-	*14.20*	21.58*	20.24*	19.73*	2.32	(1)	(1)	(1)	(1)	(1)	15.61
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	* 3.20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.20
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 7
 (1) No value taken or data not retrievable : 145
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 88

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	3.12	3.08	2.24
Std Deviation	3.776	---	0.338
Variance	14.258	---	0.114
Number	95	95	88

EMISSIONS FOR 04295

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.44	3.46	3.50	3.51	3.53	3.47	3.50	3.40	3.45	3.47
0100-	3.53	3.55	3.51	3.54	3.48	3.53	3.88	3.42	3.26	3.22	3.49
0200-	3.09	3.17	3.16	3.21	2.99	3.12	3.14	3.07	3.18	3.21	3.13
0300-	1.86	3.31	3.15	3.07	3.01	2.96	3.14	3.06	2.98	2.92	2.95
0400-	2.85	3.01	3.12	2.95	2.96	2.86	2.96	2.95	2.84	2.76	2.93
0500-	2.68	2.67	2.64	2.71	2.91	3.02	2.93	2.86	2.92	2.82	2.82
0600-	2.70	2.96	3.15	3.33	3.42	3.37	3.40	3.63	3.85	3.89	3.37
0700-	3.78	3.95	4.03	4.00	4.01	4.03	3.89	3.58	3.58	3.49	3.83
0800-	3.26	2.97	2.92	2.85	3.03	3.20	3.64	3.69	3.81	3.79	3.32
0900-	3.79	3.50	3.32	2.88	2.74	2.85	2.75	3.16	3.27	3.09	3.14
1000-	3.12	2.96	2.79	2.76	2.62	2.56	2.83	3.06	3.16	3.11	2.90
1100-	1.87	3.00	3.06	3.37	5.17	6.03	6.54	6.33	6.15	5.76	4.73
1200-	5.53	5.39	5.26	5.30	5.41	5.46	5.56	5.75	5.64	5.58	5.49
1300-	5.65	5.51	5.45	5.41	5.52	4.95	3.79	4.64	5.30	5.30	5.15
1400-	5.50	5.54	5.34	3.65	3.51	3.91	4.85	3.51	3.46	3.64	4.29
1500-	4.22	3.70	3.65	4.91	3.93	3.98	3.69	3.95	3.44	4.13	3.96
1600-	5.01	5.06	5.05	4.70	4.72	4.13	2.62	2.13	1.84	1.67	3.70
1700-	1.10	1.58	1.43	1.42	1.37	1.31	1.34	1.42	1.55	1.69	1.42
1800-	1.83	1.82	1.61	1.72	1.75	1.66	1.64	1.63	1.68	1.70	1.70
1900-	1.75	1.74	1.71	1.64	1.69	1.65	1.68	1.69	1.72	1.68	1.70
2000-	1.64	1.74	1.50	1.42	1.30	1.15	1.06	1.11	1.14	1.22	1.33
2100-	1.33	1.42	1.55	1.63	1.59	1.59	1.54	1.54	1.53	1.61	1.53
2200-	1.63	1.64	1.67	1.63	1.61	1.65	1.76	1.69	1.78	1.80	1.69
2300-	1.81	1.91	1.97	1.89	1.89	1.80	1.71	1.70	1.94	1.79	1.84

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	3.08	3.07	3.08
Std Deviation	1.273	---	1.273
Variance	1.621	---	1.621
Number	239	239	239
=====			

EMISSIONS FOR 04294

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.38	0.38
1100-	2.09	3.93	4.03	4.20	4.14	3.91	3.68	3.70	3.82	3.83	3.73
1200-	3.75	3.58	3.77	4.00	3.82	4.01	4.19	4.01	3.93	4.15	3.92
1300-	4.15	4.38	4.50	4.65	4.31	4.01	3.73	4.08	4.03	4.08	4.19
1400-	4.03	4.09	4.26	4.26	4.26	4.16	4.15	4.86	5.28	5.28	4.46
1500-	4.97	4.92	5.29	5.26	5.42	5.26	5.26	5.21	5.17	4.18	5.09
1600-	3.68	3.50	3.30	3.58	3.21	3.47	3.65	3.89	3.96	3.92	3.62
1700-	3.95	4.05	4.06	4.27	4.52	4.16	3.82	3.84	4.78	5.03	4.25
1800-	3.97	3.95	3.91	3.80	3.90	3.70	3.79	3.79	3.84	3.83	3.85
1900-	2.02	3.59	3.70	3.61	3.44	3.41	3.48	3.42	3.48	3.56	3.37
2000-	3.47	3.48	3.68	3.70	3.67	3.86	3.64	3.45	3.41	3.34	3.57
2100-	3.32	3.23	3.36	3.32	3.63	3.48	3.55	3.49	3.27	3.18	3.38
2200-	3.27	3.44	3.04	2.87	3.03	3.36	3.30	3.21	3.26	3.24	3.20
2300-	3.23	3.17	3.24	3.42	3.46	3.33	3.60	3.58	3.55	3.52	3.41

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 109
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 131

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	3.82	3.82	
Std Deviation	0.672	0.672	
Variance	0.452	0.452	
Number	131	131	

EMISSIONS FOR 04293

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====		
NOx in pounds per ton of clinker produced		
=====		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
=====		=====
Arithmetic	Weighted	Arithmetic
=====	=====	=====
Average	0.00 0.00	0.00
Std Deviation	0.000 ---	0.000
Variance	0.000 ---	0.000
Number	0 0	0
=====		

EMISSIONS FOR 04292

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.58	9.61	9.92	10.20	10.54	11.13	10.95	11.00	11.30	10.47
0100-	11.64	11.30	12.05	12.40	12.43	12.93	12.39	11.73	11.66	12.08	12.06
0200-	12.09	11.95	12.06	11.69	11.24	10.95	11.77	11.98	12.52	12.80	11.90
0300-	6.74	12.79	13.31	13.05	12.84	13.20	12.89	12.39	12.61	11.67	12.15
0400-	12.44	12.56	12.48	12.09	11.93	11.86	11.93	11.56	11.74	11.39	12.00
0500-	11.50	11.61	11.19	10.76	10.95	10.53	10.08	9.32	9.75	9.61	10.53
0600-	10.40	10.81	10.56	10.88	10.54	10.18	10.14	10.36	10.47	10.82	10.52
0700-	11.54	11.78	11.99	12.94	13.03	13.44	13.38	13.21	12.87	13.13	12.73
0800-	12.87	12.50	12.16	11.77	11.51	10.53	10.10	9.23	8.96	9.22	10.88
0900-	9.27	9.03	8.52	8.25	7.77	8.13	8.66	8.63	8.93	9.25	8.64
1000-	9.28	8.84	8.27	7.90	8.23	9.13	9.24	8.95	7.98	7.14	8.50
1100-	4.80	9.13	9.27	10.07	8.13	7.92	7.15	7.05	7.67	8.31	7.95
1200-	8.70	9.37	8.52	8.79	8.42	8.20	8.29	8.78	9.08	9.63	8.78
1300-	9.38	9.09	8.30	7.81	7.65	7.01	6.63	6.17	5.68	6.34	7.41
1400-	8.57	9.10	9.26	9.31	8.84	8.46	8.92	9.02	9.71	9.96	9.11
1500-	9.15	8.98	9.32	9.03	8.67	8.58	8.33	8.81	8.71	8.45	8.80
1600-	8.24	7.50	7.29	7.31	7.64	7.47	7.36	7.36	7.76	7.65	7.56
1700-	7.34	7.39	7.48	7.21	7.01	6.76	6.25	5.97	6.30	6.29	6.80
1800-	6.38	6.50	6.48	6.72	6.88	6.79	6.98	6.80	6.96	6.83	6.73
1900-	4.42	7.60	7.69	7.67	7.92	7.74	7.87	7.73	7.18	6.76	7.26
2000-	6.38	6.07	5.77	5.58	5.41	5.49	5.68	5.53	5.50	5.88	5.73
2100-	6.07	6.21	6.27	6.44	6.65	6.44	6.50	6.23	6.14	6.32	6.33
2200-	6.50	6.48	6.66	6.64	6.58	7.09	6.87	6.41	6.27	6.23	6.57
2300-	6.39	5.88	5.87	5.64	5.41	5.34	5.09	5.15	5.13	5.28	5.52

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	8.95	8.95	
Std Deviation	2.332	2.332	
Variance	5.439	5.439	
Number	239	239	

EMISSIONS FOR 04291

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.60	5.45	5.01	4.99	4.44	4.27	4.10	4.18	6.62	4.96
0100-	7.96	8.12	7.64	7.50	6.31	6.55	6.21	6.35	5.59	5.38	6.76
0200-	7.13	9.43	8.26	6.98	6.81	7.76	8.87	10.63	11.91	12.56	9.03
0300-	7.26	13.75	15.20	14.78	13.56	12.54	12.15	12.46	12.41	12.00	12.61
0400-	13.68	13.69	12.59	12.93	12.42	12.15	11.79	11.04	9.46	8.68	11.84
0500-	7.86	8.01	7.45	7.09	6.65	6.58	6.55	6.76	7.34	7.71	7.20
0600-	8.77	9.13	9.73	10.21	10.96	10.32	10.55	11.00	11.77	11.61	10.40
0700-	10.45	11.63	12.91	14.29	14.36	14.29	14.59	15.06	15.20	14.02	13.68
0800-	13.60	12.70	12.10	11.39	10.76	11.34	9.77	12.91	15.36	13.73	12.37
0900-	13.55	13.20	12.41	12.31	13.42	14.51	12.87	13.55	15.10	15.32	13.62
1000-	15.06	11.47	2.98	8.82	14.10	14.88	14.38	13.66	11.62	11.59	11.86
1100-	6.42	11.05	12.56	12.43	10.52	9.17	9.07	9.34	9.24	9.74	9.95
1200-	9.79	10.38	11.74	12.51	12.54	14.61	14.08	12.65	11.49	10.65	12.04
1300-	11.05	12.06	12.26	12.34	12.56	13.37	14.68	15.31	14.49	13.57	13.17
1400-	13.41	13.33	13.46	12.41	12.09	11.38	11.34	11.49	11.68	11.84	12.24
1500-	12.28	11.94	11.80	11.39	12.06	11.57	11.85	12.02	12.69	12.44	12.00
1600-	12.90	12.40	11.98	14.14	9.92	6.20	1.47	3.35	8.42	6.16	8.69
1700-	6.63	7.25	9.61	8.39	7.93	6.03	10.12	10.76	10.49	10.70	8.79
1800-	11.10	10.78	9.14	7.36	6.20	5.96	7.10	8.35	8.79	7.63	8.24
1900-	5.03	8.17	9.11	9.58	10.64	11.45	11.28	11.64	11.72	10.97	9.96
2000-	10.14	8.80	9.21	10.22	10.63	10.22	10.36	10.35	10.12	10.90	10.10
2100-	10.34	10.15	10.68	10.55	10.78	11.20	11.01	11.08	11.82	12.00	10.96
2200-	12.16	13.23	13.13	13.30	12.94	12.53	12.73	12.99	13.24	12.10	12.84
2300-	12.06	12.10	11.62	11.43	11.04	9.70	10.20	10.27	10.30	10.33	10.90

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	10.62	10.61	10.62
Std Deviation	2.786	---	2.786
Variance	7.762	---	7.762
Number	239	239	239
=====			

EMISSIONS FOR 04290

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.72	5.40	4.99	4.78	4.47	4.56	4.77	4.79	4.82	4.92
0100-	4.61	4.73	4.89	4.92	5.08	4.89	4.83	4.92	5.10	5.09	4.91
0200-	5.41	5.85	6.45	6.66	6.60	6.54	6.54	6.57	6.63	7.11	6.44
0300-	4.91	6.85	6.72	7.08	6.58	6.52	6.39	6.24	6.24	6.51	6.41
0400-	6.17	6.28	6.31	6.34	5.99	6.28	6.36	6.64	6.86	7.04	6.43
0500-	7.02	6.97	7.06	6.95	7.11	6.95	7.11	7.08	7.31	7.35	7.09
0600-	7.53	7.71	7.51	7.69	7.55	7.38	7.73	8.07	8.58	8.65	7.84
0700-	9.06	8.90	8.96	9.12	9.08	8.71	8.70	8.93	8.84	8.44	8.87
0800-	8.68	8.72	8.50	8.52	9.11	9.25	9.28	9.12	8.89	9.33	8.94
0900-	9.60	9.48	9.35	9.42	9.49	9.76	10.07	10.42	10.34	10.38	9.83
1000-	10.58	11.03	11.34	10.71	9.74	9.14	8.60	8.80	8.70	8.28	9.69
1100-	5.14	8.27	8.48	8.14	7.62	7.64	7.50	7.20	7.74	7.60	7.53
1200-	7.30	7.24	7.17	6.80	6.90	6.83	6.52	6.55	6.77	6.98	6.91
1300-	6.92	6.98	6.71	6.48	6.46	6.38	6.22	6.17	6.02	5.94	6.43
1400-	5.74	5.70	5.55	5.51	5.40	5.38	5.36	5.33	5.31	5.25	5.45
1500-	5.25	5.20	5.22	5.25	5.19	5.10	5.23	5.04	5.06	5.10	5.16
1600-	5.28	5.00	5.03	5.15	5.11	5.15	5.10	5.08	5.22	5.50	5.16
1700-	5.42	5.51	5.62	5.63	5.79	6.26	6.43	6.84	6.83	6.93	6.13
1800-	7.05	7.13	7.09	7.15	7.23	7.79	7.96	7.86	7.87	7.47	7.46
1900-	4.47	6.43	5.88	5.55	5.12	4.81	4.60	4.41	4.45	4.24	5.00
2000-	4.24	4.11	4.01	3.77	3.67	3.70	3.95	3.30	3.49	3.53	3.78
2100-	3.63	3.79	4.44	4.71	5.17	5.88	6.06	7.00	7.80	8.36	5.68
2200-	8.32	7.91	8.11	8.27	8.56	8.59	8.18	7.79	7.83	7.61	8.12
2300-	7.50	7.77	7.98	7.92	7.86	7.86	7.44	7.08	6.68	6.37	7.45

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.74	6.70	6.74
Std Deviation	1.671	---	1.671
Variance	2.793	---	2.793
Number	239	239	239

EMISSIONS FOR 04289

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.98	8.89	8.89	8.41	7.27	7.44	7.34	7.01	6.87	7.90
0100-	6.68	6.20	6.34	6.03	5.80	5.70	5.75	5.76	6.03	6.22	6.05
0200-	6.33	6.32	6.63	6.22	6.37	6.68	6.81	7.03	6.93	6.81	6.61
0300-	4.17	6.64	6.50	6.46	6.05	5.87	5.72	6.00	6.28	6.25	5.99
0400-	6.26	6.12	5.85	5.74	6.08	6.14	6.04	6.22	6.26	6.28	6.10
0500-	6.31	6.58	6.66	6.78	6.67	6.55	6.16	6.13	6.13	5.97	6.40
0600-	5.82	5.58	5.61	5.48	5.53	5.40	5.29	5.20	4.99	5.03	5.39
0700-	5.00	4.97	4.98	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.98
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.10	6.89	6.71	6.90
1500-	6.67	7.11	7.45	7.70	7.71	7.84	8.06	7.27	7.54	7.81	7.52
1600-	7.59	7.67	7.66	8.00	7.23	7.66	7.05	7.57	7.62	7.38	7.54
1700-	7.03	6.93	6.35	5.99	5.94	5.47	5.13	4.98	4.65	4.40	5.69
1800-	4.21	3.89	3.81	3.87	4.06	4.01	3.12	3.11	3.35	3.62	3.71
1900-	3.19	3.85	4.35	4.77	5.13	5.22	5.23	4.91	5.31	5.83	4.78
2000-	5.73	5.64	5.96	6.20	6.16	6.28	6.40	6.42	6.46	6.41	6.17
2100-	5.89	5.74	5.50	5.09	4.69	4.12	3.70	3.71	3.52	3.04	4.50
2200-	3.15	3.16	3.22	3.26	3.40	3.40	3.50	3.39	3.47	3.61	3.36
2300-	3.65	3.89	4.67	4.85	5.06	5.62	5.47	5.59	5.79	5.89	5.05

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 75
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 165

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	5.79	5.76	5.79
Std Deviation	1.360	---	1.360
Variance	1.850	---	1.850
Number	165	165	165
=====			

EMISSIONS FOR 04288

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.59	7.07	7.16	7.29	7.35	6.97	6.95	6.97	6.91	7.03
0100-	6.88	7.00	7.56	7.29	7.44	7.32	7.43	7.53	7.77	7.95	7.42
0200-	7.61	7.52	7.50	7.57	7.47	7.37	7.41	7.41	7.61	7.68	7.52
0300-	4.80	7.71	7.50	7.62	7.83	8.22	8.12	8.24	8.24	8.23	7.65
0400-	8.01	8.33	8.35	8.72	8.71	8.50	8.47	8.89	8.39	8.40	8.48
0500-	8.80	8.70	8.67	8.80	8.98	8.96	8.96	8.69	8.70	8.43	8.77
0600-	8.63	8.65	8.86	8.92	8.95	9.07	9.31	8.60	9.49	9.84	9.03
0700-	9.33	9.24	9.05	8.79	8.73	8.77	8.90	9.03	9.29	9.31	9.05
0800-	8.91	9.05	9.39	9.17	8.90	9.25	9.31	9.70	10.35	10.32	9.43
0900-	9.80	10.39	10.15	10.18	10.29	10.42	10.76	10.85	11.61	11.50	10.60
1000-	11.69	10.99	10.67	10.76	10.61	10.54	10.81	11.05	10.86	10.48	10.85
1100-	5.95	11.07	10.82	10.70	10.65	10.26	10.62	10.65	10.90	10.88	10.25
1200-	10.73	10.51	10.28	10.81	10.44	10.09	10.45	10.17	9.97	10.36	10.38
1300-	10.06	10.06	9.74	9.70	9.67	9.57	9.85	9.67	9.80	9.19	9.73
1400-	9.20	9.46	9.47	9.57	9.56	9.54	9.46	9.17	9.57	9.24	9.42
1500-	8.69	8.99	9.35	8.74	11.64	9.02	8.91	9.02	9.63	9.70	9.37
1600-	9.49	9.78	9.49	10.89	9.09	9.13	8.86	10.18	9.53	8.97	9.54
1700-	8.94	8.75	8.15	8.75	8.29	8.23	8.96	8.17	8.15	8.29	8.47
1800-	8.87	9.33	9.02	9.34	9.49	9.61	9.86	9.63	9.47	9.47	9.41
1900-	5.04	9.22	9.14	9.38	9.53	9.17	9.17	9.42	9.49	9.21	8.88
2000-	8.89	8.86	9.12	9.05	8.97	8.75	8.72	8.05	8.26	8.50	8.72
2100-	7.66	7.41	7.00	7.49	7.89	8.57	8.88	8.96	9.08	9.03	8.20
2200-	8.65	8.75	9.13	9.05	9.14	9.18	9.06	9.10	8.90	9.23	9.02
2300-	8.75	8.54	8.67	8.91	8.95	9.08	8.90	8.88	8.83	8.50	8.80

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	9.01	9.01	9.01
Std Deviation	1.127	---	1.127
Variance	1.271	---	1.271
Number	239	239	239
=====			

EMISSIONS FOR 04287

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.70	4.79	4.54	4.49	4.63	4.63	4.71	4.77	5.10	4.71
0100-	5.44	5.84	6.17	6.29	6.10	6.17	6.90	7.02	7.19	6.70	6.38
0200-	6.57	6.43	7.27	7.53	8.02	8.20	8.59	9.03	9.17	8.75	7.96
0300-	5.42	8.37	8.59	8.27	8.65	8.59	8.31	8.79	8.90	9.13	8.30
0400-	9.08	8.72	8.55	9.06	8.90	9.07	9.23	9.59	9.00	9.33	9.05
0500-	9.36	9.25	9.24	9.11	9.36	9.97	9.93	9.74	9.97	9.72	9.56
0600-	9.69	9.64	9.51	9.71	10.02	10.13	10.09	10.28	10.25	10.24	9.96
0700-	10.38	10.24	10.74	11.22	11.21	10.66	9.87	9.99	9.96	9.92	10.42
0800-	10.03	10.30	10.22	10.36	10.27	10.42	10.12	10.33	10.28	10.19	10.25
0900-	10.17	10.10	10.27	10.62	10.62	10.67	11.09	10.60	10.39	10.42	10.49
1000-	10.09	9.75	9.12	9.05	9.02	9.55	9.39	9.46	9.16	9.30	9.39
1100-	5.49	9.04	9.13	8.93	9.00	9.16	9.54	9.46	9.09	9.84	8.87
1200-	9.66	9.49	9.45	9.28	8.32	11.20	9.51	9.84	10.98	9.22	9.70
1300-	8.36	11.67	9.41	9.15	7.91	7.82	7.59	8.37	8.44	8.37	8.71
1400-	8.08	7.70	7.57	7.38	7.03	6.74	6.54	6.22	6.56	5.83	6.96
1500-	5.69	6.77	10.19	12.06	13.83	14.24	13.84	12.63	11.03	12.07	11.24
1600-	13.26	11.75	12.26	8.17	7.23	7.10	7.39	7.57	7.37	3.79	8.59
1700-	1.48	0.75	2.46	5.35	5.49	6.12	6.13	5.73	5.85	6.12	4.55
1800-	5.97	5.93	5.88	5.81	5.68	5.84	5.77	5.98	6.27	6.38	5.95
1900-	4.41	6.64	6.31	6.12	6.22	6.80	6.70	6.82	6.78	6.65	6.34
2000-	6.40	6.36	6.32	5.95	6.51	6.41	6.30	6.44	6.86	6.37	6.39
2100-	6.54	6.45	6.54	6.26	6.35	6.26	6.07	6.18	6.28	6.40	6.33
2200-	7.03	7.09	6.75	6.62	6.34	6.09	6.40	6.59	6.52	6.55	6.60
2300-	6.45	6.16	6.06	6.05	6.10	6.46	6.63	6.53	6.51	6.49	6.34

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	8.06	8.01	8.06
Std Deviation	2.155	---	2.155
Variance	4.643	---	4.643
Number	239	239	239
=====			

EMISSIONS FOR 04286

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.67	8.08	7.49	7.28	6.99	6.93	7.05	6.94	6.42	7.32
0100-	5.66	6.70	7.19	7.53	7.58	7.93	8.23	8.53	7.89	7.73	7.50
0200-	7.68	7.51	7.01	7.03	7.21	7.14	7.09	6.71	6.70	6.49	7.06
0300-	4.83	6.62	6.67	6.19	5.93	6.05	6.03	6.00	6.21	6.53	6.11
0400-	6.37	5.88	5.91	5.54	5.75	5.63	5.38	5.30	5.11	5.04	5.59
0500-	5.34	5.21	5.10	5.36	5.44	5.62	5.86	6.26	6.28	6.43	5.69
0600-	6.59	6.93	7.35	7.55	8.07	8.40	8.35	8.59	8.73	9.00	7.96
0700-	9.29	9.56	9.19	9.44	9.56	9.75	9.80	9.90	9.56	8.93	9.50
0800-	9.20	8.81	8.69	8.21	8.31	8.08	8.18	8.18	7.99	7.24	8.29
0900-	6.65	6.04	6.19	6.16	5.94	5.90	5.77	5.50	5.67	5.63	5.94
1000-	5.60	5.63	5.62	5.68	5.70	5.78	5.83	5.82	5.83	5.89	5.74
1100-	4.50	6.45	6.59	6.84	7.20	7.43	7.86	8.31	8.54	8.60	7.23
1200-	8.70	8.62	8.48	9.24	9.38	9.52	9.46	9.35	9.40	9.15	9.13
1300-	8.95	8.21	8.12	8.00	7.86	7.79	7.77	7.61	7.51	7.26	7.91
1400-	6.96	6.92	6.75	6.63	6.26	5.99	6.00	5.88	5.99	5.87	6.32
1500-	6.02	5.82	5.72	5.72	5.68	5.50	5.35	5.43	5.53	5.39	5.62
1600-	5.29	5.44	5.36	5.70	5.03	5.23	5.23	5.19	5.16	5.13	5.27
1700-	5.24	5.26	5.22	5.33	5.38	5.31	5.26	5.15	5.18	5.19	5.25
1800-	5.22	5.14	4.94	4.94	4.97	4.73	4.63	4.56	5.23	5.52	4.99
1900-	4.61	6.03	6.03	6.13	6.94	6.57	6.15	6.96	6.78	6.75	6.29
2000-	6.65	6.61	6.44	5.74	5.34	4.90	4.44	4.39	4.23	4.12	5.29
2100-	4.09	4.04	4.07	4.01	3.99	3.99	4.01	4.03	4.33	4.58	4.11
2200-	4.64	5.05	5.54	6.19	6.69	6.94	7.03	7.03	7.14	7.06	6.33
2300-	6.68	6.75	6.93	6.97	6.83	6.64	6.09	5.90	5.52	4.96	6.33

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.53	6.50	6.53
Std Deviation	1.435	---	1.435
Variance	2.058	---	2.058
Number	239	239	239
=====			

EMISSIONS FOR 04285

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.18	7.64	7.60	8.16	8.32	8.01	8.32	8.97	9.47	8.30
0100-	9.77	9.35	9.52	8.90	8.60	8.76	8.02	7.84	7.90	7.82	8.65
0200-	7.43	7.30	7.17	7.12	6.56	6.31	6.31	6.15	5.92	6.28	6.65
0300-	4.49	6.01	5.69	5.59	5.43	5.04	5.38	5.38	5.19	5.26	5.34
0400-	5.37	5.42	5.55	6.53*	14.07	5.68	6.83	7.66	8.23	8.44	7.38
0500-	8.91	9.33	9.91	10.44	10.36	9.39	8.78	8.46	7.68	7.81	9.11
0600-	8.05	7.65	7.06	6.62	6.60	6.56	6.36	6.29	6.39	6.44	6.80
0700-	6.45	6.52	6.79	6.89	7.17	7.73	7.96	8.49	8.67	8.27	7.49
0800-	8.67	8.52	8.03	8.24	8.43	8.78	8.84	8.44	8.63	8.83	8.54
0900-	9.06	9.32	8.49	8.64	8.62	8.44	8.58	8.64	8.60	8.68	8.71
1000-	8.42	8.29	8.43	8.45	8.62	8.15	8.05	7.79	7.33	6.97	8.05
1100-	4.63	6.66	6.75	6.56	6.50	6.28	6.34	6.45	6.38	6.53	6.31
1200-	6.56	6.48	6.54	6.43	6.44	6.53	6.47	6.34	6.46	6.73	6.50
1300-	6.91	6.85	6.82	6.76	6.55	6.76	6.94	6.76	6.91	6.74	6.80
1400-	6.57	6.62	6.88	6.79	7.04	7.25	6.96	6.67	6.84	7.09	6.87
1500-	6.89	7.15	7.53	7.63	7.30	7.32	7.36	7.49	7.36	7.03	7.31
1600-	6.78	6.45	5.84	5.50	5.36	4.55	4.62	4.59	4.64	4.76	5.31
1700-	4.75	4.95	5.20	5.26	5.28	5.15	5.22	5.30	5.41	5.50	5.20
1800-	5.65	5.65	5.74	5.77	5.51	5.45	5.68	6.24	6.29	6.28	5.83
1900-	4.78	6.30	6.55	6.49	6.51	6.82	7.00	7.00	7.03	7.10	6.56
2000-	6.98	7.28	7.58	7.62	7.55	7.67	7.18	7.20	7.20	7.07	7.33
2100-	6.98	6.61	6.45	6.15	6.02	5.89	5.18	5.16	5.63	5.54	5.96
2200-	5.56	5.68	5.57	5.71	5.87	5.91	6.23	6.48	6.67	6.89	6.06
2300-	6.87	7.12	7.57	7.45	7.42	7.72	8.17	8.18	7.60	7.85	7.60

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 238

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

7.02 6.98
 1.316 ---
 1.732 ---
 239 239

6.99
 1.236
 1.529
 238

=====

EMISSIONS FOR 04284

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.80	9.10	9.32	9.69	9.59	9.22	9.38	9.46	9.56	9.35
0100-	9.71	9.94	10.35	10.72	10.71	10.12	10.37	9.95	9.61	9.88	10.13
0200-	10.22	10.28	9.51	9.00	8.31	6.84	6.14	6.91	7.01	7.45	8.17
0300-	5.12	5.02	5.48	8.09	9.48	10.27	10.31	9.48	10.56	12.43	8.62
0400-	12.78	12.84	10.70	9.74	8.98	8.79	6.50	5.38	6.14	5.13	8.70
0500-	4.50	4.35	4.81	5.00	5.15	6.01	6.72	7.17	7.56	7.84	5.91
0600-	7.91	7.58	6.78	6.45	6.39	6.23	5.67	5.99	6.17	5.70	6.49
0700-	5.45	5.82	6.35	6.45	6.66	7.19	6.93	6.51	6.66	6.93	6.49
0800-	7.08	7.22	6.49	5.67	5.19	4.92	4.97	5.89	6.06	6.50	6.00
0900-	7.26	7.51	7.26	5.69	7.40	8.25	9.40	9.66	9.65	10.82	8.29
1000-	10.52	8.97	8.29	8.51	7.48	7.33	6.70	6.48	7.05	7.05	7.84
1100-	4.65	8.00	7.92	7.80	7.73	7.40	6.95	6.27	6.19	5.62	6.85
1200-	5.53	5.60	6.01	6.32	6.56	7.03	7.15	7.43	7.02	7.07	6.57
1300-	7.07	7.43	7.63	7.49	7.45	7.36	6.82	7.12	7.57	7.43	7.34
1400-	7.39	7.34	7.17	7.44	7.30	7.14	7.05	7.33	7.31	7.16	7.26
1500-	7.21	7.63	8.13	8.31	8.42	8.70	9.16	9.24	8.89	9.10	8.48
1600-	9.36	9.61	9.95	10.68	8.69	9.14	8.89	8.59	8.00	7.42	9.03
1700-	7.28	7.40	7.42	7.35	7.29	7.85	8.00	8.45	8.59	8.56	7.82
1800-	8.29	8.57	8.27	7.92	8.10	7.71	7.67	7.56	7.53	7.19	7.88
1900-	4.75	6.69	6.46	6.32	6.64	6.68	6.90	6.94	7.04	6.64	6.51
2000-	6.65	6.70	7.05	7.13	7.65	8.16	8.95	9.37	9.35	9.00	8.00
2100-	8.61	7.80	7.38	7.46	7.02	6.28	5.63	5.71	5.68	5.80	6.74
2200-	6.03	6.04	6.20	6.57	6.92	7.31	8.18	8.30	8.46	8.78	7.28
2300-	9.97	10.78	11.39	11.71	11.83	12.00	11.74	10.72	8.86	8.50	10.75

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	7.76	7.75	7.76
Std Deviation	1.676	---	1.676
Variance	2.809	---	2.809
Number	239	239	239
=====			

EMISSIONS FOR 04283

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.30	9.56	9.62	9.83	9.85	9.93	9.74	9.24	8.98	9.56
0100-	8.93	8.76	8.63	8.13	7.79	7.68	7.28	7.03	6.96	7.15	7.84
0200-	6.99	6.96	6.97	7.07	7.24	7.47	7.62	7.30	7.31	7.40	7.23
0300-	4.84	7.30	7.20	7.06	7.28	7.36	7.16	7.26	7.21	7.35	7.00
0400-	7.18	7.32	7.13	7.23	7.37	7.34	7.39	7.43	7.53	7.55	7.35
0500-	7.52	7.31	7.09	7.16	7.00	7.11	6.90	6.79	7.02	7.01	7.09
0600-	7.20	7.38	7.27	7.18	7.28	7.01	7.24	7.66	7.36	7.38	7.29
0700-	7.32	7.12	6.84	6.71	6.64	6.94	6.76	6.63	6.57	6.18	6.77
0800-	6.18	6.08	6.46	6.59	6.47	6.49	6.64	6.66	7.18	7.28	6.60
0900-	7.08	6.88	6.94	7.05	6.82	6.77	6.85	6.87	7.00	7.08	6.94
1000-	6.70	6.81	6.95	6.73	6.75	6.82	6.89	6.19	6.03	5.86	6.57
1100-	4.14	5.73	5.41	4.97	4.54	3.88	4.77	5.65	6.17	6.77	5.20
1200-	7.33	8.33	7.22	6.43	7.59	9.30	7.15	8.51	9.94	10.32	8.21
1300-	10.23	10.41	10.58	10.17	9.50	8.84	8.47	7.71	6.09	5.36	8.74
1400-	5.05	5.18	5.16	5.44	5.71	5.94	6.19	6.29	6.64	6.82	5.84
1500-	7.07	7.24	7.20	7.54	7.46	7.10	7.03	6.87	6.53	6.30	7.03
1600-	5.87	5.67	5.35	5.51	4.89	4.92	5.01	5.16	5.47	5.63	5.35
1700-	5.82	6.11	6.25	6.26	6.03	5.83	5.97	5.99	5.64	5.37	5.93
1800-	5.32	4.88	4.44	3.94	3.42	3.13	3.16	3.19	3.10	3.20	3.78
1900-	3.71	3.47	3.58	3.75	3.86	4.16	4.60	4.92	5.35	5.70	4.31
2000-	5.94	6.20	6.46	7.13	7.44	7.74	7.60	7.37	7.21	6.77	6.98
2100-	6.04	5.25	4.06	3.55	3.37	3.31	3.35	3.46	3.71	4.15	4.02
2200-	4.37	4.16	4.61	5.26	5.93	6.64	6.91	7.41	6.82	6.69	5.88
2300-	6.88	6.63	6.27	5.93	5.99	6.11	6.19	6.13	6.40	6.95	6.35

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	6.57	6.59	6.57
Std Deviation	1.522	---	1.522
Variance	2.316	---	2.316
Number	239	239	239
=====			

EMISSIONS FOR 04282

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1) *	1.20*	1.23*	1.18*	1.13*	1.14*	1.18*	1.39*	1.45*	1.43	1.26
0100-	*	1.58*	2.03*	2.34*	2.02*	2.57*	2.41*	2.63*	2.50*	2.40*	2.29
0200-	*	2.52*	2.35*	1.10*	1.11*	1.36*	1.46*	3.34*	3.36*	3.14*	2.27
0300-	*	5.39*	3.11*	3.12*	2.47*	1.93*	2.03*	1.91*	1.89*	1.74*	2.54
0400-	*	1.79*	1.62*	1.84*	1.84*	1.81*	1.83*	1.93*	2.19*	2.00*	1.91
0500-	*	2.24*	2.20*	1.98*	2.23*	2.19*	1.93*	2.19*	2.23*	2.32*	2.14
0600-	*	1.89*	1.70*	1.71*	1.65*	1.99*	2.08*	1.82*	2.26*	3.76*	2.55
0700-	*	6.97*	7.87*	7.93*	7.87*	8.31*	8.24	0.00	0.00*	0.63*	4.91
0800-	*	1.18*	4.62*	15.53*	22.50*	24.90*	23.35*	23.12*	4.42	2.64	12.49
0900-		2.61	3.03	3.25	1.19	1.21	1.85	4.28	4.88	3.84	2.98
1000-		3.54	3.36	3.37	3.65	3.59	4.19	4.79	5.46	5.27	4.24
1100-		4.69	4.25	3.62	3.53	3.58	3.44	3.76	4.30	4.36	4.03
1200-		4.89	4.79	4.95	5.19	5.49	5.63	5.95	5.84	5.88	5.51
1300-		6.66	7.07	8.80	9.28	10.50	11.03	11.41	10.68	10.17	9.54
1400-		10.12	10.81	11.07	10.92	11.37	11.09	10.63	10.53	10.65	10.76
1500-		10.61	10.53	10.33	10.19	10.51	10.65	10.42	10.41	10.57	10.51
1600-		11.25	11.49	11.18	11.62	10.94	10.32	9.81	9.45	9.06	10.45
1700-		9.30	8.97	8.20	7.53	6.85	7.73	7.34	7.26	7.53	7.85
1800-		8.39	8.51	8.89	9.36	9.68	10.08	10.42	10.43	11.35	9.88
1900-		6.66	12.98	13.21	13.24	13.31	13.05	13.44	12.98	12.67	12.40
2000-		12.12	11.70	11.46	10.68	10.34	9.79	9.28	9.09	8.91	10.22
2100-		8.50	8.22	8.28	8.13	8.60	8.73	8.61	8.69	9.08	8.59
2200-		9.05	9.08	8.67	9.01	9.02	8.70	8.48	8.43	8.46	8.71
2300-		8.20	8.14	8.09	7.86	7.96	7.88	7.92	8.37	8.16	8.11

* Kiln Speed less than or equal to 20 RPH : 87
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 152

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.53	8.18	
Std Deviation	4.360	2.940	
Variance	19.006	8.645	
Number	239	152	

EMISSIONS FOR 04281

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	0.00	0.00	0.00	0.00	0.00	0.00	0.00*	8.66*	8.64	0.00	1.73
1000-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600-	0.00	0.00*	0.19*	0.20*	0.12*	0.21*	0.20*	0.20*	0.20*	0.20	0.15
1700-*	0.20*	0.20*	0.19*	0.62*	0.92*	0.59*	0.60*	0.59*	0.64*	0.60	0.51
1800-*	0.59*	0.60*	0.60*	0.62*	0.63*	0.68*	0.69*	0.67*	0.66*	0.61	0.63
1900-*	2.27*	1.51*	1.25*	1.22*	0.98*	0.98*	0.91*	0.92*	0.92*	0.91	1.19
2000-*	0.98*	0.96*	1.14*	1.36*	1.37*	1.34*	1.32*	1.34*	1.11*	1.36	1.23
2100-*	1.37*	1.34*	1.31*	1.21*	1.22*	1.21*	1.19*	1.20*	1.19*	1.20	1.24
2200-*	1.21*	1.19*	1.20*	1.18*	1.15*	1.15*	1.37*	1.34*	1.23*	1.26	1.23
2300-*	1.27*	1.30*	1.30*	1.21*	1.19*	1.18*	1.18*	1.20*	1.16*	1.30	1.23

* Kiln Speed less than or equal to 20 RPH : 152
 (1) No value taken or data not retrievable : 88
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.60	1.06	0.00
Std Deviation	1.088	---	0.000
Variance	1.185	---	0.000
Number	152	152	0

EMISSIONS FOR 04280

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04279

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04278

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 04277

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	3.27	3.45	3.46	3.58	3.82	4.17	4.67	5.45	6.17		4.23
0100-	6.71	7.20	7.39	7.12	6.67	6.31	6.10	5.52	4.95	3.50		6.15
0200-	3.72	3.49	3.33	3.54	4.03*	1.61*	1.68*	1.76*	1.93*	2.00		2.71
0300-*	2.08*	2.10*	2.51*	2.35*	2.59*	2.61*	2.66*	2.50*	2.82*	2.54		2.48
0400-*	2.76*	2.41*	2.66*	2.75*	4.05*	4.09*	2.42*	9.21*	22.03*	7.69		6.01
0500-*	2.02*	1.65*	1.29*	1.50*	1.43*	1.78*	2.32*	2.44*	2.38*	2.16		1.90
0600-*	2.30*	2.42*	2.23*	1.83*	2.21*	2.23*	1.88*	3.97*	2.15*	1.96		2.32
0700-*	2.06*	1.83*	1.97*	1.61*	1.78*	1.74*	1.55*	1.37*	1.43*	1.10		1.64
0800-*	1.32*	1.30*	1.23*	1.21*	1.21*	1.12*	1.14*	4.20*	1.05*	1.09		1.49
0900-*	1.11*	1.16*	3.27*	4.65*	6.00*	7.12*	5.80*	7.06*	3.69	3.53		4.34
1000-	4.91	4.87	6.67	6.67	6.28	6.86	6.52	6.34	6.86	5.37		6.14
1100-*	5.06*	6.07*	5.50*	6.08*	5.16*	6.59*	5.73*	7.03*	7.03*	5.34		5.96
1200-*	6.26*	6.77*	6.77*	6.77*	6.70*	6.70*	7.78*	6.42*	8.83*	8.75		7.17
1300-*	8.75*	9.30*	7.66*	7.73*	8.34*	6.08*	6.03*	6.08*	6.03*	4.40		7.04
1400-*	4.47*	4.36*	4.36*	2.33*	1.91*	1.89*	1.83*	1.58*	0.78*	1.07		2.46
1500-*	1.06*	5.54*	4.36*	4.79*	4.71*	3.64*	3.64*	3.61*	3.55*	3.87		3.88
1600-*	3.90*	0.28*	3.45*	5.18	0.00*	2.91*	2.87*	2.47*	2.47*	2.45		2.60
1700-*	2.45*	2.13*	2.11*	0.03	0.00*	2.29*	2.31*	2.27*	2.37*	0.03		1.60
1800-*	0.15*	0.15*	0.15*	0.15*	0.28*	0.28*	0.28*	0.28*	0.28*	0.28		0.23
1900-*	0.25*	0.37*	0.25*	0.37*	0.38*	0.38*	0.38*	0.38*	0.90*	1.06		0.47
2000-*	0.90*	0.90*	0.95*	0.81*	0.95*	0.95*	0.95*	0.95*	0.94*	0.94		0.93
2100-*	1.43*	1.43*	1.60*	1.43*	1.59*	1.61*	1.60*	1.61*	1.61*	1.60		1.55
2200-*	1.60*	1.60*	1.93*	1.92*	1.44*	1.92*	2.04*	3.96*	2.13*	2.13		2.07
2300-*	2.11*	2.16*	2.16*	2.18*	2.16*	1.98*	2.18*	2.18*	2.38*	2.18		2.17

* Kiln Speed less than or equal to 20 RPH : 204
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 35

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	3.23	5.21	
Std Deviation	2.574	1.420	
Variance	6.627	2.016	
Number	239	35	
=====			

EMISSIONS FOR 04276

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.50	8.28	7.96	8.83	9.28	9.62	9.43	9.38	9.74	9.00
0100-	9.08	9.14	9.06	9.47	8.85	8.81	8.94	9.23	9.26	9.42	9.13
0200-	9.20	9.67	9.14	8.67	7.98	8.18	7.61	7.69	8.40	7.98	8.45
0300-	7.55	8.89	10.05	10.79	9.99	9.26	8.10	7.42	6.63	5.92	8.46
0400-	6.39	6.74	6.44	6.59	6.82	6.82	6.60	6.11	5.89	5.60	6.40
0500-	5.65	5.71	5.36	5.34	5.30	5.50	5.27	5.20	5.21	5.30	5.38
0600-	5.19	5.20	5.10	4.75	4.72	4.97	4.26	4.64	5.10	5.32	4.93
0700-	5.24	5.44	5.58	5.70	6.13	6.61	6.58	6.96	7.83	8.83	6.49
0800-	9.27	9.69	9.76	10.23	11.13	10.20	9.68	10.19	9.94	8.69	9.88
0900-	10.29	9.92	8.95	8.79	9.19	8.96	9.15	8.96	8.67	8.50	9.14
1000-	8.22	8.02	7.91	7.40	6.97	7.27	7.38	6.54	7.19	7.97	7.49
1100-	8.92	9.01	9.39	10.16	9.78	10.03	9.92	9.38	9.19	9.28	9.51
1200-	9.02	8.82	9.15	9.23	8.18	8.03	8.40	7.84	7.79	8.28	8.47
1300-	8.02	8.28	8.46	8.63	8.91	8.91	9.30	9.38	(1)	(1)	8.74
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	9.77	9.50	9.45	9.39	9.26	8.47	9.52	9.34
1600-	9.32	8.69	7.92	9.67	7.77	8.04	9.07	9.50	8.49	8.12	8.66
1700-	7.97	8.32	8.51	7.55	7.76	7.58	7.37	7.43	7.09	6.08	7.57
1800-	5.98	5.80	5.70	5.43	5.40	5.08	5.10	5.13	4.81	5.01	5.35
1900-	4.85	4.64	4.62	4.35	4.10	4.08	3.86	3.58	3.40	3.33	4.08
2000-	3.21	3.19	3.21	3.35	3.53	3.65	3.98	4.29	4.79	5.05	3.83
2100-	5.32	5.76	5.87	5.87	5.76	5.62	5.48	5.39	5.36	5.13	5.56
2200-	5.17	5.07	4.72	4.60	4.67	4.64	3.94	4.29	4.62	4.42	4.62
2300-	4.37	4.49	4.35	4.27	4.15	4.03	4.06	2.77	3.38	3.52	3.94

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 16
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 224

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.10	7.10	
Std Deviation	2.089	2.089	
Variance	4.364	4.364	
Number	224	224	

EMISSIONS FOR 04275

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.93	7.26	6.60	6.01	4.89	5.30	5.82	5.26	4.84	5.99
0100-	4.07	2.91	6.18	7.08	7.78	6.89	6.19	8.19	7.72	7.18	6.42
0200-	7.30	7.50	7.00	6.12	6.32	6.20	5.67	5.22	5.24	5.25	6.18
0300-	4.75	4.60	4.89	4.65	4.33	5.54	6.45	6.84	7.12	7.32	5.65
0400-	7.38	7.39	7.47	7.80	7.90	7.98	7.88	8.05	8.41	7.97	7.82
0500-	6.63	6.80	6.64	5.98	5.89	5.75	5.57	5.24	5.12	5.11	5.87
0600-	5.41	5.23	5.53	6.09	6.79	7.35	6.71	6.11	8.01	7.74	6.50
0700-	8.18	9.27	9.20	8.45	8.24	8.02	7.29	7.30	7.45	6.67	8.01
0800-	6.21	6.10	6.30	6.85	5.04	8.44	7.51	6.27	3.96*	9.86	6.65
0900-	*14.91*	5.82*	6.36*	9.85*	11.46*	8.85*	10.09*	11.07*	10.74*	15.18	10.43
1000-	*18.27*	17.78*	11.35*	17.16*	16.67*	7.07*	4.74*	7.39*	20.70*	18.01	13.91
1100-	*35.31*	24.84*	2.92*	2.16*	1.67*	1.41*	1.24*	0.79*	1.16*	1.33	7.28
1200-	*1.45*	1.03*	0.46*	1.17*	1.82*	2.27*	1.30*	0.56*	1.40*	2.13	1.36
1300-	*2.25	1.10	0.25	0.06	0.38	0.51	0.57	0.64	0.73	0.78	0.72
1400-	0.80	0.85	0.93	1.05	1.25	1.03	0.84	0.97	1.13	1.91	1.08
1500-	2.33	2.39	2.30	2.77	3.04	3.22	2.97	2.95	3.45	3.43	2.89
1600-	3.25	2.58	2.90	3.22	3.01	2.99	3.14	2.63	2.40	2.43	2.85
1700-	2.39	2.44	2.35	2.14	1.71	2.05	2.10	2.03	2.10	2.12	2.14
1800-	2.17	2.52	2.90	3.05	3.41	3.69	3.86	3.96	4.18	4.88	3.46
1900-	5.84	7.15	9.16	9.14	9.47	9.78	9.28	9.64	10.14	10.48	9.01
2000-	10.16	10.37	10.79	12.11	13.11	11.76	10.65	10.60	11.75	12.13	11.34
2100-	9.32	10.27	10.79	11.31	11.49	11.00	10.28	10.79	10.39	10.22	10.59
2200-	10.72	10.14	10.16	10.38	10.09	10.24	8.94	7.25	10.27	10.72	9.89
2300-	11.09	10.60	10.81	10.84	10.14	9.33	9.47	9.37	9.83	9.33	10.08

* Kiln Speed less than or equal to 20 RPH : 42
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 197

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.51	6.16	
Std Deviation	4.494	3.226	
Variance	20.200	10.410	
Number	239	197	

EMISSIONS FOR 04274

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.78	3.28	4.47	4.18	5.17	5.92	6.64	6.55	7.17	5.24
0100-	7.64	7.94	7.99	7.99	8.31	8.33	8.64	8.74	8.62	8.37	8.26
0200-	8.32	8.34	9.15	9.25	9.69	10.11	9.93	9.45	9.24	8.68	9.22
0300-	8.16	7.98	7.97	8.84	9.06	9.65	9.32	8.60	7.84	8.09	8.55
0400-	8.09	7.42	6.65	6.36	5.96	5.98	5.33	5.30	5.36	5.08	6.15
0500-	5.00	5.39	5.99	7.04	7.39	7.30	7.73	8.03	7.24	7.30	6.84
0600-	7.57	7.62	7.09	5.97	5.36	5.20	4.40	4.22	4.13	3.77	5.53
0700-	3.46	3.34	3.52	3.49	3.87	4.04	4.38	5.12	6.08	6.80	4.41
0800-	7.29	7.75	7.90	7.47	6.63	6.46	6.86	6.74	5.89	5.13	6.81
0900-	4.87	4.23	3.68	3.25	3.17	3.13	2.93	3.11	3.17	3.48	3.50
1000-	3.12	3.92	4.63	5.53	6.18	6.61	6.54	6.36	6.44	6.04	5.54
1100-	6.13	5.80	6.49	6.44	6.51	6.22	6.02	5.94	5.82	5.35	6.07
1200-	4.81	4.23	4.04	3.60	4.20	6.12	5.47	6.55	6.36	6.32	5.17
1300-	6.93*	11.33*	1.45*	3.63*	2.49*	1.38*	1.08	0.49	0.60	0.61	3.00
1400-	0.53	0.72	1.71	2.21	2.27	2.15	2.12	3.22	2.41	2.76	2.01
1500-	3.20	3.38	3.04	3.25	2.93	3.02	2.78	3.05	3.37	3.34	3.14
1600-	3.14	3.02	3.38	4.05	3.31	3.74	3.97	4.87	5.24	5.47	4.02
1700-	5.65	5.18	5.07	5.67	5.89	6.23	6.28	7.55	7.14	6.66	6.13
1800-	6.61	6.97	7.26	7.76	7.43	7.35	6.93	6.70	5.84	4.86	6.77
1900-	4.73	4.47	4.36	4.10	4.15	4.26	4.61	4.72	4.80	5.49	4.57
2000-	6.48	7.22	7.92	8.27	8.25	8.40	8.65	9.05	9.34	7.56	8.11
2100-	8.43	8.04	9.29	10.29	10.29	10.06	9.42	7.79	9.72	10.81	9.41
2200-	10.40	11.24	12.35	12.25	10.91	10.94	9.16	7.97	9.90	9.16	10.43
2300-	10.27	11.06	10.47	9.94	9.56	9.08	8.67	9.22	9.13	8.91	9.63

* Kiln Speed less than or equal to 20 RPH : 6
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 233

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.19	6.13	6.26
Std Deviation	2.514	---	2.443
Variance	6.322	---	5.970
Number	239	239	233
=====			

EMISSIONS FOR 04273

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.20	1.26	1.43	3.17	3.09	3.34	3.39	3.68	3.04	2.62
0100-	2.74	3.17	3.50	4.22	4.32	5.56	4.97	4.93	4.71	4.63	4.27
0200-	4.45	4.16	4.20	3.74	3.91	4.21	4.61	4.39	4.43	4.54	4.26
0300-	4.77	5.05	5.30	6.03	7.18	7.88	8.05	8.91	9.41	10.58	7.32
0400-	11.16	11.52	12.18	12.34	12.82	13.43	12.42	11.94	12.55	13.06	12.34
0500-	13.66	13.76	14.72	15.28	13.47	14.18	14.55	14.78	14.65	15.44	14.45
0600-	14.29	14.38	13.98	13.71	12.80	13.21	11.39	8.55	12.62	12.38	12.73
0700-	12.35	13.10	12.99	12.18	12.60	12.98	13.22	12.65	12.85	11.96	12.69
0800-	11.42	10.90	11.25	10.52	10.28	9.88	10.23	10.32	10.52	10.02	10.53
0900-	10.11	10.29	10.26	9.94	9.95	10.57	10.47	10.14	10.10	10.09	10.19
1000-	9.93	9.71	9.20	8.28	7.70	7.75	7.17	6.98	6.78	7.06	8.06
1100-	6.82	6.51	6.60	6.77	6.96	7.29	7.03	7.14	7.28	7.39	6.98
1200-	7.75	7.64	7.48	6.76	6.02	5.62	5.24	5.17	4.95	4.17	6.08
1300-	3.38	3.36	3.50	3.73	3.94	4.41	5.03	5.81	6.32	6.64	4.61
1400-	7.00	6.99	6.87	6.81	6.96	6.77	5.66	5.25	6.28	5.74	6.43
1500-	5.27*14.99*15.16	25.83	12.82	3.88	2.55	4.48	5.54	4.92	9.54		
1600-	6.40	7.07	7.22	8.17	7.31	7.25	8.28	8.59	8.80	8.11	7.72
1700-	8.50	9.00	9.23	9.20	8.58	7.55	7.43	6.47	6.04	6.82	7.88
1800-	7.20	6.13	5.83	5.93	6.26	5.91	5.46	6.44	7.37	7.94	6.45
1900-	7.90	7.69	7.64	7.27	6.70	5.68	5.47	5.65	5.33	4.90	6.42
2000-	4.56	4.46	4.30	3.79	3.85	3.50	3.42	3.53	4.13	4.58	4.01
2100-	4.99	5.35	5.34	5.17	5.28	4.73	4.48	4.64	4.57	3.83	4.84
2200-	3.85	3.87	3.78	3.26	3.19	3.27	2.80	4.06	3.66	4.12	3.59
2300-	4.51	5.08	5.07	5.38	4.97	4.32	4.36	4.28	4.19	3.97	4.61

* Kiln Speed less than or equal to 20 RPH : 2
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 237

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	7.46	7.12
Std Deviation	3.634	---
Variance	13.209	---
Number	239	237

EMISSIONS FOR 04272

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	10.10	9.97	10.15	9.93	10.71	10.17
0800-	10.10	9.84	9.77	9.87	9.45	9.15	8.38	8.24	7.77	7.69	9.03
0900-	7.87	8.16	8.54	8.76	8.48	8.09	8.16	7.95	7.66	6.95	8.06
1000-	6.50	7.06	7.44	7.88	7.90	8.29	8.44	8.28	8.64	8.30	7.87
1100-	8.30	8.40	8.45	7.93	8.07	8.36	8.60	8.79	9.38	9.56	8.58
1200-	8.59	9.33	10.54	11.12	9.70*	23.65*	8.54*	7.15*	7.01*	5.13	10.08
1300-*	7.06*	5.45*	9.46*	7.68*	3.76*	5.78*	5.43*	3.92*	3.14*	4.51	5.62
1400-*	7.93*	8.67*	3.94*	7.25*	8.38*	8.42*	10.83*	31.31*	6.73*	22.47	11.59
1500-*	43.22*	46.65*	5.97*	10.65*	4.73*	10.80*	22.42*	21.58*	21.34*	21.65	20.90
1600-*	47.32*	4.76*	20.00*	13.20*	0.82*	18.91*	5.09*	3.41*	11.54	13.89	
1700-*	11.44*	2.18*	0.36*	0.21*	0.37*	0.22*	0.18*	0.35*	0.36	1.74	
1800-*	0.18*	0.37*	0.14*	0.26*	0.11*	0.11*	0.11*	0.25*	0.24*	0.20	0.20
1900-*	0.21*	0.21*	0.21*	0.21*	0.47*	0.32*	0.33*	0.33*	0.49*	0.43	0.32
2000-*	0.44*	0.64*	0.78*	0.62*	0.58*	0.57*	0.57*	0.88*	0.47	0.56	0.61
2100-	0.65	0.70	0.74	0.70	0.69	0.62	0.62	0.67	0.64	0.66	0.67
2200-	0.67	0.67	0.71	0.71	0.76	0.84	0.74	0.79	0.79	0.82	0.75
2300-	0.82	0.83	0.82	0.77	0.73	0.75	0.87	0.84	0.90	0.90	0.82

* Kiln Speed less than or equal to 20 RPH : 84
 (1) No value taken or data not retrievable : 75
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 81

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.32	5.66	
Std Deviation	7.852	3.979	
Variance	61.651	15.832	
Number	165	81	

EMISSIONS FOR 04271

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04270

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 04269

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0
=====			

EMISSIONS FOR 04268

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.08	4.79	4.47	4.15	4.25	4.23	4.28	4.43	4.61	4.48
0100-	4.70	4.91	5.07	5.68	6.06	6.59	6.91	6.97	7.15	4.99	5.90
0200-	7.86	7.98	8.07	8.17	8.27	8.24	8.61	8.61	8.71	8.64	8.31
0300-	9.11	8.81	9.02	8.79	9.22	9.42	8.97	8.87	9.16	8.82	9.02
0400-	9.03	9.14	9.24	9.20	8.95	9.01	9.01	8.91	8.73	8.49	8.97
0500-	7.69	7.50	7.67	7.39	6.99	7.09	7.04	7.04	6.68	6.74	7.18
0600-	6.93	6.79	6.59	6.73	6.73	6.70	6.65	6.28	6.04	6.32	6.58
0700-	6.55	6.06	6.16	6.10	5.98	5.91	6.05	5.78	5.90	6.24	6.07
0800-	5.98	6.33	6.54	6.21	5.92	5.54	5.88	5.48	5.24	5.55	5.87
0900-	5.10	5.18	5.49	5.51	5.68	5.68	5.53	5.33	4.70	3.41	5.16
1000-	3.94	4.12	3.79	3.48	3.47	3.42	3.00	3.00	2.95	2.71	3.39
1100-	2.76	2.66	2.70	2.85	3.01	3.19	3.35	3.63	3.91	4.24	3.23
1200-	4.50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.50
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 120
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 120

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	6.18	6.14	6.18
Std Deviation	1.935	---	1.935
Variance	3.742	---	3.742
Number	120	120	120
=====			

EMISSIONS FOR 04267

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.73	2.64	2.57	2.62	2.77	2.82	2.91	3.11	3.20	2.82
0100-	3.40	3.44	3.54	3.57	3.70	3.68	3.66	3.60	3.38	3.56	3.55
0200-	3.53	3.62	3.36	3.35	3.46	3.53	3.75	3.95	4.01	3.93	3.65
0300-	3.92	3.92	4.03	3.99	3.93	3.80	3.73	3.37	3.10	2.85	3.66
0400-	2.60	2.26	2.07	1.95	1.82	1.91	1.89	1.95	2.10	2.27	2.08
0500-	2.31	2.58	3.05	3.48	4.08	4.30	4.66	4.85	5.18	5.40	3.99
0600-	5.36	5.38	5.48	5.00	4.93	4.54	4.35	4.16	3.99	4.14	4.73
0700-	3.92	4.17	4.01	3.81	3.71	3.73	3.52	3.76	3.68	3.52	3.78
0800-	3.65	3.76	3.70	3.80	3.89	3.85	4.11	4.20	3.80	3.35	3.81
0900-	3.65	4.03	3.37	3.71	3.56	3.45	3.83	4.27	4.58	3.97	3.84
1000-	4.12	4.82	4.91	5.10	4.97	5.12	5.12	4.18	3.90	4.35	4.66
1100-	4.35	4.34	4.56	4.55	4.71	5.12	5.53	5.45	5.63	5.55	4.98
1200-	5.40	5.71	6.14	6.14	6.47	6.07	6.09	5.75	5.40	5.21	5.84
1300-	5.13	4.88	4.69	4.62	4.57	4.53	4.15	4.62	4.66	4.67	4.65
1400-	4.53	4.56	4.55	4.62	4.74	4.69	4.77	4.85	4.36	4.61	4.63
1500-	4.88	4.89	4.58	4.01	3.65	3.56	3.34	3.39	3.00	2.75	3.80
1600-	2.56	2.67	2.68	3.22	3.61	4.09	4.89	5.33	5.47	5.37	3.99
1700-	5.52	5.90	6.00	5.36	6.10	5.97	5.74	5.91	6.11	4.17	5.68
1800-	5.65	5.56	5.15	5.05	4.90	5.04	4.72	4.77	4.67	4.58	5.01
1900-	4.61	4.68	4.63	4.42	4.59	4.58	4.36	4.72	4.55	4.57	4.57
2000-	4.56	4.38	4.21	4.13	4.09	4.07	3.96	3.99	3.92	3.45	4.07
2100-	3.63	3.62	3.94	3.96	3.99	4.22	4.26	4.40	4.23	4.41	4.07
2200-	4.41	5.86	6.41	6.74	6.89	6.90	6.87	7.00	7.07	7.32	6.55
2300-	7.12	7.31	7.35	7.63	7.27	6.63	6.52	6.30	5.86	5.55	6.75

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	4.39	4.36	4.39
Std Deviation	1.166	---	1.166
Variance	1.358	---	1.358
Number	239	239	239
=====			

EMISSIONS FOR 04266

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.29	8.28	8.17	8.01	8.04	7.95	8.06	8.07	7.73	8.07
0100-	7.65	7.89	7.85	7.77	7.82	7.64	7.93	7.70	7.52	4.93	7.47
0200-	7.57	7.30	7.12	7.22	7.08	7.11	6.94	6.87	6.69	6.68	7.06
0300-	6.55	6.88	6.57	6.30	5.81	5.77	5.45	5.38	5.32	5.48	5.95
0400-	5.44	5.48	5.56	5.70	5.72	5.66	5.68	5.61	5.56	5.61	5.60
0500-	5.61	5.60	5.44	5.46	5.31	5.16	5.13	5.14	5.07	5.17	5.31
0600-	5.22	5.32	5.24	5.21	5.27	4.23	3.93	4.27	3.47	3.11	4.53
0700-	3.29	3.50	3.55	3.51	4.35	5.11	5.87	6.48	6.37	6.42	4.85
0800-	6.55	6.19	5.30	6.19	6.10	6.22	6.16	5.98	5.74	5.42	5.98
0900-	5.24	5.12	4.94	4.81	4.67	4.32	4.10	3.96	3.85	3.61	4.46
1000-	3.73	3.50	3.70	3.68	3.51	3.53	3.47	3.60	3.74	3.88	3.64
1100-	4.15	4.29	4.34	4.42	4.46	4.59	4.50	4.52	4.62	4.68	4.46
1200-	4.60	4.69	4.81	4.68	4.50	4.69	4.38	4.34	4.39	4.64	4.57
1300-	4.78	4.89	4.86	4.90	5.24	4.92	5.33	5.61	5.66	5.46	5.16
1400-	5.80	5.96	5.77	5.54	5.26	4.92	4.70	4.69	4.40	4.45	5.15
1500-	4.68	4.63	4.94	4.39	3.86	4.08	4.26	4.30	4.06	3.87	4.31
1600-	3.78	3.68	3.59	4.17	3.30	3.43	2.78	2.84	2.83	2.70	3.31
1700-	2.68	2.88	2.90	3.07	3.30	3.52	3.83	3.88	3.96	3.54	3.36
1800-	4.06	3.98	4.19	4.04	3.94	3.77	3.54	3.54	3.41	3.40	3.79
1900-	3.42	3.37	3.39	3.37	3.33	3.33	3.32	3.32	3.32	3.33	3.35
2000-	3.35	3.37	3.41	3.51	3.55	3.58	3.52	3.60	3.51	3.53	3.49
2100-	3.33	3.23	3.14	2.98	2.87	2.78	2.60	2.59	2.39	2.50	2.84
2200-	2.64	2.86	3.12	3.44	3.59	3.78	3.99	4.19	4.13	4.18	3.59
2300-	3.95	3.75	3.62	3.59	3.46	3.29	3.17	3.05	2.97	2.86	3.37

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.72	4.72	
Std Deviation	1.442	1.442	
Variance	2.079	2.079	
Number	239	239	

EMISSIONS FOR 04265

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.75	4.66	4.07	3.49
0800-	4.03	3.84	4.68	5.12	5.58	6.00	5.54	5.62	6.03	6.41	5.28
0900-	6.38	7.02	7.02	6.03	6.43	9.12	10.95	11.65	12.62	6.81	8.40
1000-	10.28	12.51	11.87	12.05	13.31	14.28	14.57	14.24	15.45	13.19	13.18
1100-	12.90	11.94	10.90	9.26	10.25	9.59	9.37	10.16	11.13	10.49	10.60
1200-	10.71	10.56	10.84	10.43	11.31	11.10	11.03	10.06	11.25	11.93	10.92
1300-	12.31	11.90	11.12	11.25	11.33	11.82	11.49	11.73	11.36	11.11	11.54
1400-	10.20	10.21	10.63	10.68	10.43	10.46	11.23	10.68	11.74	11.40	10.77
1500-	11.67	11.98	12.02	10.44	10.39	10.78	10.94	10.23	9.68	11.05	10.92
1600-	12.25	11.25	10.93	10.42	10.96	11.79	12.32	12.48	12.59	10.90	11.59
1700-	9.88	10.54	10.44	10.79	10.10	10.06	10.11	10.34	10.17	5.55	9.80
1800-	9.00	9.42	9.80	9.79	9.61	8.06	8.24	8.56	10.01	10.74	9.32
1900-	10.58	10.44	10.06	9.58	9.49	9.20	10.02	8.89	8.83	8.89	9.60
2000-	8.71	8.58	8.51	8.04	7.84	8.58	8.09	8.18	7.95	7.82	8.23
2100-	8.10	7.45	7.07	6.76	8.15	8.07	7.50	7.07	7.15	7.36	7.47
2200-	7.33	7.49	7.14	7.49	6.94	6.62	6.80	7.88	8.59	9.03	7.53
2300-	9.04	9.15	9.21	9.06	8.89	8.94	8.53	8.42	8.77	8.61	8.86

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 77
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 163

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	9.51	9.51	9.51
Std Deviation	2.286	---	2.286
Variance	5.224	---	5.224
Number	163	163	163
=====			

EMISSIONS FOR 04264

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	12.61	12.52	10.93	12.30	10.61	10.89	12.62	13.04	12.42	11.99
0100-		12.32	11.64	10.90	10.56	11.36	10.72	10.96	12.28	12.74	11.61
0200-		12.94	13.73	13.64	13.75	13.15	12.83	12.86	13.81	13.97	13.41
0300-		13.68	13.31	12.67	12.92	12.91	12.90	13.27	12.71	12.38	12.93
0400-		12.96	12.58	12.88	12.79	12.86	12.61	13.13	13.20	12.67	12.81
0500-		12.72	11.95	12.46	12.48	12.20	6.59	12.98	12.50	12.50	11.89
0600-		12.39	12.48	12.56	12.58	11.80	12.19	12.03	12.27	12.41	12.30
0700-		11.79	12.08	12.08	11.67	11.73	11.95	11.84	12.15	12.08	11.92
0800-		12.16	12.74	12.14	11.77	11.78	11.82	11.09	11.92	12.55	12.02
0900-		13.08	12.51	11.14	11.31	12.28	12.50	12.36	11.47	11.84	12.04
1000-		12.02	12.46	12.95	12.60	11.57	11.57	14.30	13.06	12.24	12.40
1100-		9.61	10.75	9.82	11.94	12.51	11.76	13.18	11.65	12.60	11.73
1200-		12.03	12.49	11.86	11.07	9.96	10.03	11.31	10.26	12.11	11.31
1300-		11.83	10.74	12.08	11.16	12.04	5.93	11.81	12.24	12.38	11.22
1400-		12.27	11.69	11.97	11.62	11.87	11.88	10.43	10.91	10.90	11.49
1500-		10.01	10.47	10.55	9.98	9.77	10.79	10.54	10.57	11.35	10.48
1600-		11.12	11.49	10.81	12.53	10.85	11.81	10.77	9.97	8.12	10.80
1700-		10.01	9.82	10.92	11.60	12.24	11.94	11.52	10.19	9.94	10.74
1800-		9.52	9.02	9.96	11.25	11.33	11.41	11.24	10.51	10.21	10.43
1900-		9.65	9.41	9.80	9.78	10.07	10.40	9.93	9.64	9.34	9.75
2000-		8.89	8.53	7.60	7.99	7.93	8.41	8.26	8.38	8.03	8.23
2100-		7.92	8.36	8.25	8.29	8.13	4.81	7.83	7.60	7.76	7.63
2200-		6.84	6.67	6.80	6.75	6.90	6.85	7.26	7.11	7.40	6.97
2300-		7.35	7.82	7.57	7.65	7.51	7.58	7.61	7.50	6.99	7.43

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	10.98	10.98	
Std Deviation	1.936	1.936	
Variance	3.749	3.749	
Number	239	239	
=====			

EMISSIONS FOR 04263

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	12.02	11.99	11.94	12.92	12.48	11.30	12.11
0800-	10.84	12.50	13.25	13.95	12.57	11.94	12.18	11.69	12.32	12.05	12.33
0900-	11.70	11.08	11.54	12.45	11.98	11.83	12.68	12.29	11.20	11.55	11.83
1000-	12.05	11.98	12.23	12.07	12.31	12.16	12.44	12.02	12.02	12.01	12.13
1100-	11.87	12.01	12.16	11.96	11.85	11.50	11.25	12.52	12.19	12.25	11.96
1200-	11.98	12.20	12.48	12.01	12.06	12.44	12.01	12.13	12.48	14.10	12.39
1300-	13.36	10.19	11.35	10.96	13.42	6.47	11.49	10.23*	5.86*	4.05	9.74
1400-*	6.14*	5.71*	6.33*	6.22*	7.07*	7.43*	7.36*	7.00*	8.27*	7.16	6.87
1500-*	8.57*	8.13*	10.16*	10.25*	13.29*	13.24*	13.12*	12.41*	13.26*	4.89	10.73
1600-*	4.17*	4.18*	4.29*	2.41*	0.77*	6.00*	7.09*	12.11*	6.37*	0.64	4.80
1700-*	0.45*	0.89*	4.63*	16.00*	6.16	4.48	5.07	4.60	6.01	6.86	5.52
1800-	6.57	6.37	6.56	7.46	9.03	11.48	10.03	5.79	6.33	7.08	7.67
1900-	8.49	9.24	11.65	11.47	10.07	10.37	12.54	12.29	11.88	11.34	10.93
2000-	12.09	11.47	11.45	10.74	10.98	10.40	10.60	11.64	12.31	11.98	11.37
2100-	12.75	14.56	12.48	10.16	13.08	7.60	15.67	14.67	12.24	11.10	12.43
2200-	10.86	11.77	12.74	14.63	9.69	12.92	12.02	11.00	9.71	8.86	11.42
2300-	8.87	9.63	9.87	9.42	10.24	10.76	10.94	11.34	12.30	12.67	10.60

* Kiln Speed less than or equal to 20 RPH : 37
 (1) No value taken or data not retrievable : 74
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 129

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	10.24	10.99	11.15
Std Deviation	3.096	---	2.093
Variance	9.587	---	4.379
Number	166	166	129

EMISSIONS FOR 04262

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 240
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 04261

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	2.37	2.26	2.10	2.60	2.33
0800-	2.21	2.05	2.33	2.45	2.33	2.30	2.15	2.16	2.81	2.92	2.37
0900-	2.51	2.70	3.19	2.76	2.77	2.81	2.66	2.74	2.83	2.69	2.77
1000-	2.68	2.86	2.98	2.84	2.77	2.76	2.55	3.17	2.82	2.60	2.80
1100-	2.32	2.10	7.92	6.48	5.12	6.81	6.89	5.87	5.94	6.64	5.61
1200-	6.98	7.23	6.91	6.91	6.18	3.95	4.04	11.04	11.29	11.43	7.60
1300-	11.23	11.78	12.30	12.29	12.65	7.19	13.48	12.63	13.30	13.22	12.01
1400-	10.06	7.90	7.89	9.89	8.93	9.64	10.06	10.32	10.01	10.20	9.49
1500-	11.32	10.94	9.33	8.53	8.36	8.45	9.41	9.97	10.16	9.68	9.61
1600-	7.94	6.52	2.90	4.97	7.86	9.94	10.00	9.21	8.48	10.22	7.81
1700-	10.91	11.47	11.80	10.85	10.99	11.81	11.06	9.80	10.79	11.36	11.09
1800-	10.50	8.39	7.44	6.99	7.49	9.40	9.66	9.08	9.12	8.24	8.63
1900-	8.30	8.54	8.87	9.00	9.32	10.22	10.12	10.08	10.04	10.62	9.51
2000-	10.03	10.87	10.80	10.41	9.88	11.38	10.91	11.74	11.57	11.91	10.95
2100-	11.70	11.89	11.88	11.66	12.18	6.54	10.32	11.02	12.08	11.11	11.04
2200-	11.42	11.56	11.22	10.91	11.33	10.76	11.25	10.96	10.93	10.90	11.13
2300-	11.57	11.46	11.16	10.41	11.90	12.55	9.72	10.07	10.25	10.57	10.97

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 76
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 164

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	8.19	9.08	8.19
Std Deviation	3.503	---	3.503
Variance	12.269	---	12.269
Number	164	164	164
=====			

EMISSIONS FOR 04260

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.64	7.29	6.66	6.65	5.92	5.44	5.20	5.27	4.64	6.08
0100-	4.58	4.70	4.59	4.38	4.16	4.24	4.28	4.31	4.40	3.96	4.36
0200-	3.79	3.39	3.34	3.65	3.81	4.34	16.24	4.59	6.03	5.57	5.47
0300-	5.08	5.04	4.28	2.85	2.00	2.83	3.07	2.88	3.15	3.58	3.48
0400-	3.70	4.12	3.79	3.93	4.43	5.89	6.27	6.52	6.65	7.59	5.29
0500-	8.24	9.40	9.40	9.43	9.55	5.94	9.89	10.21	11.35	11.32	9.47
0600-	12.33	13.48	12.84	12.17	12.69	12.26	12.65	12.61	12.41	11.39	12.48
0700-	12.42	13.59	13.61	13.93	14.44	14.54	15.04	14.58	12.17	11.67	13.60
0800-	9.74	7.73	6.00	10.15	12.33	15.45	16.39	16.92	16.01	15.76	12.65
0900-	14.67	14.14	14.26	14.35	14.63	15.04	15.67	15.94	14.66	8.03	14.14
1000-	6.18	2.68	3.02	2.69	2.70	2.64	2.56	2.21	2.50	2.57	2.98
1100-	2.82	2.65	2.68	2.65	2.52	2.75	2.42	2.31	2.29	2.34	2.54
1200-	3.10	6.60	8.36	11.76	13.96	14.35	15.27	14.64	13.48	13.64	11.52
1300-	14.12	14.51	14.07	15.06	15.02	7.35	13.71	11.21	2.87	2.77	11.07
1400-*	3.51*	4.36*	2.32*	1.59*	1.20*	1.25	3.12	7.60	8.33	9.34	4.26
1500-	7.88	6.71	7.59	7.87	8.25	8.39	10.10	11.10	11.20	11.35	9.04
1600-	10.93	8.58	9.66	13.12	12.18	12.98	10.46	9.91	8.75	9.31	10.59
1700-	9.61	11.34	11.78	9.46	7.14	8.67	8.32	10.02	9.73	9.01	9.51
1800-	9.82	10.56	10.46	10.06	9.85	9.54	8.34	5.79	8.69	8.31	9.14
1900-	9.16	10.59	10.86	11.28	12.43	9.79	10.83	10.17	9.04	8.62	10.28
2000-	9.97	10.77	10.70	10.64	11.40	11.12	11.37	11.52	11.24	10.92	10.97
2100-	10.89	11.41	10.55	11.31	11.19	6.40	10.09	10.25	9.56	11.02	10.27
2200-	11.95	11.57	10.39	9.55	10.48	11.63	11.84	11.51	11.23	9.66	10.98
2300-	10.56	11.53	13.17	11.55	9.30	8.29	10.56	12.51	12.43	11.39	11.13

* Kiln Speed less than or equal to 20 RPH : 6
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 233

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	8.81	9.07	8.98
Std Deviation	4.043	---	3.953
Variance	16.345	---	15.629
Number	239	239	233
=====			

EMISSIONS FOR 04259

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.88	2.54	3.40	3.44	3.93	4.38	5.07	6.22	7.93	4.42
0100-	9.14	8.30	8.57	2.14	1.91	3.08	2.92	2.95	2.80	2.87	4.47
0200-	2.86	2.54	2.25	2.39	2.30	2.23	2.49	2.50	2.68	2.66	2.49
0300-	2.54	2.64	2.96	3.01	2.82	2.72	2.69	2.76	2.65	2.58	2.74
0400-	2.98	2.84	3.21	2.96	2.68	2.68	2.42	2.82	2.66	2.59	2.78
0500-	2.46	2.92	2.77	2.56	2.90	1.43	2.93	2.73	2.50	2.50	2.57
0600-	2.46	2.62	2.40	2.49	2.79	2.60	2.81	3.26	2.68	2.63	2.68
0700-	2.63	2.98	2.88	3.59	2.67	3.06	3.06	2.30	2.59	2.39	2.82
0800-	2.29	2.53	2.48	2.12	1.61	1.49	2.18	2.26	2.03	1.99	2.10
0900-	2.18	2.24	2.15	2.04	2.32	2.25	2.49	2.58	2.07	1.78	2.21
1000-	2.01	2.45	2.40	2.50	2.53	2.29	1.97	2.54	2.93	4.73	2.63
1100-	3.70	2.56	3.09	5.12	4.86	4.83	5.16	5.84	5.79	5.52	4.65
1200-	5.01	4.97	5.12	5.59	5.58	4.99	4.66	5.00	6.33	6.54	5.38
1300-	6.44	6.34	6.32	6.38	6.49	4.17	6.10	6.28	6.76	6.57	6.18
1400-	6.96	6.45	6.61	6.59	5.07	5.46	5.80	10.02	10.40	10.03	7.34
1500-	9.06	9.89	8.76	7.56	9.71	10.31	10.22	9.51	10.23	9.99	9.53
1600-	10.07	9.79	10.23	10.62	10.55	10.59	10.41	8.88	9.18	8.34	9.87
1700-	8.00	8.51	8.55	9.48	9.44	8.34	8.30	8.86	8.76	6.97	8.52
1800-	7.10	7.25	5.84	6.53	7.12	7.57	7.48	7.67	7.07	7.18	7.08
1900-	6.19	7.10	6.45	6.15	5.99	6.30	6.54	7.74	6.38	6.04	6.49
2000-	7.07	6.58	6.07	7.03	7.16	6.53	7.72	7.93	7.90	7.33	7.13
2100-	7.36	6.90	6.84	7.51	7.70	4.80	8.15	8.33	8.02	8.10	7.37
2200-	7.97	8.40	8.56	9.45	9.98	9.60	9.31	9.98	9.79	9.28	9.23
2300-	8.92	9.04	8.99	8.89	8.61	8.70	8.83	8.84	7.59	7.36	8.57

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 Average
 Std Deviation
 Variance
 Number

 5.39 6.22
 2.778 ---
 7.716 ---
 239 239

 5.39
 2.778
 7.716
 239

=====

EMISSIONS FOR 04258

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	14.52	14.44	14.14	15.25	13.78	14.43
0900-	12.92	11.87	10.79	10.30	9.54	5.94	8.95	8.85	8.57	9.12	9.69
1000-	9.71	10.25	10.65	11.72	12.97	14.77	14.03	13.98	15.40	14.50	12.80
1100-	15.11	15.30	15.37	14.27	14.16	14.12	12.87	11.79	12.05	13.95	13.90
1200-	15.34	15.36	13.75	14.87	14.48	16.78	17.34	16.39	15.23	15.83	15.54
1300-	15.95	16.84	17.12	15.07	15.21	8.29	14.04	13.09	13.80	13.27	14.27
1400-	12.97	19.25	19.34	19.19	19.60	19.05	14.79	10.55	12.15	10.91	15.78
1500-	10.00	10.48	11.75	19.43	12.39	14.10	13.44	13.42	13.01	11.74	12.98
1600-	10.31	11.68	11.23	11.90	10.26	11.05	12.13	12.58	8.41	9.27	10.88
1700-	11.52	11.15	11.22	10.60	9.48	7.75	8.05	6.84	5.51	3.79	8.59
1800-	4.67	4.88	5.91	6.92	6.86	7.68	8.29	8.63	8.85	9.13	7.18
1900-	8.41	9.01	8.83	8.75	8.35	8.27	7.77	8.43	8.66	8.76	8.52
2000-	7.84	7.95	8.20	8.41	8.04	7.90	7.65	7.73	7.89	7.43	7.91
2100-	7.27	7.53	7.54	7.40	7.61	4.57	7.40	7.19	6.65	6.57	6.97
2200-	6.92	6.39	6.59	6.31	6.31	5.67	6.00	5.80	5.52	5.60	6.11
2300-	5.68	5.40	5.21	4.89	5.36	5.10	5.23	4.78	4.65	4.09	5.04

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 85
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 155

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	10.54	9.89	10.54
Std Deviation	3.886	---	3.886
Variance	15.103	---	15.103
Number	155	155	155
=====			

EMISSIONS FOR 04257

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	0.19*	0.38*	0.60*	0.52*	0.71*	0.82*	0.87*	0.85*	1.11	0.67
0100-	* 1.36*	2.12*	1.65	0.72	1.42	0.67	0.44	0.40	0.37	0.39	0.95
0200-	0.48	0.49	0.52	0.49	1.10	1.03*	3.42*	11.43*	12.07*	7.97	3.90
0300-	* 1.40*	1.11*	2.60*	3.41*	3.66*	9.73*	3.76*	5.68*	3.12	1.92	3.64
0400-	2.38	2.76	2.95	1.90	3.14	2.42	2.02	2.16	2.35	2.75	2.48
0500-	3.50	5.06	4.19	4.00	5.20	4.91	9.41	9.33	9.20	9.49	6.43
0600-	9.81	10.00	8.64	8.67	8.89	8.14	8.33	9.15	9.57	9.28	9.05
0700-	9.17	8.77	8.51	8.19	8.23	8.00	8.05	7.83	7.55	7.67	8.20
0800-	7.51	7.05	7.19	7.24	6.97	6.78	7.02	7.03	7.22	7.48	7.15
0900-	7.48	7.68	7.88	7.87	8.01	7.95	7.86	8.07	8.16	8.17	7.91
1000-	8.16	7.81	7.55	7.15	6.69	6.50	6.17	5.71	5.11	4.82	6.57
1100-	4.49	4.30	4.54*	15.90*	2.94*	1.57*	1.53*	2.09*	2.72*	2.84	4.29
1200-	* 3.21*	2.84*	3.60*	3.08*	3.46*	3.56*	4.71*	4.20*	2.94*	3.15	3.47
1300-	* 3.47*	3.39*	3.84*	2.64*	4.06*	3.07*	3.36*	3.18*	3.07*	0.37	3.05
1400-	* 0.36*	2.42*	3.53*	3.23*	3.52*	2.76*	2.57*	3.32*	3.46*	9.01	3.42
1500-	* 9.07*	8.16*	5.33*	4.21*	2.37*	1.94*	1.80*	1.36*	1.23*	1.32	3.68
1600-	* 7.52*	8.69*	12.99*	16.57*	3.72	2.89	2.70	3.01	3.13	3.64	6.49
1700-	1.62	1.52	2.04	2.32	3.39	3.33	3.38	3.79	4.54	5.09	3.10
1800-	4.83	4.06	4.38	4.40	4.58	5.21	8.21	10.13	9.71	9.02	6.45
1900-	9.50	9.62	9.33	9.05	8.94	9.04	8.78	8.64	8.68	9.07	9.07
2000-	9.98	8.99	9.21	10.34	10.64	10.98	12.55	12.90	12.78	11.76	11.01
2100-	11.07	9.84	8.80	7.71	6.24	4.55	5.90	5.85	6.35	6.37	7.27
2200-	6.58	7.17	7.65	8.25	7.62	7.89	7.96	8.04	7.32	6.98	7.55
2300-	6.32	5.46	4.85	4.76	5.58	5.83	6.59	7.13	7.72	8.02	6.22

* Kiln Speed less than or equal to 20 RPH : 76
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 163

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====	=====	=====	
Average	5.52	5.29	6.28
Std Deviation	3.333	---	3.014
Variance	11.106	---	9.084
Number	239	239	163
=====			

EMISSIONS FOR 04256

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.31	4.31
0800-	3.62	3.24	3.14	2.92	2.87	2.79	2.75	2.82	2.99	3.20	3.03
0900-	3.24	3.47	3.48	3.46	3.39	3.40	3.53	4.66	4.94	3.63	3.72
1000-	3.14	2.99	2.70	2.58	2.35	2.33	2.37	2.51	2.43	2.58	2.60
1100-	2.66	2.87	3.07	3.16	3.32	3.12	3.11	3.31	3.21	2.93	3.08
1200-	2.45	2.25	2.17	1.96	1.92	1.94	1.91	1.91	1.57	1.68	1.98
1300-	1.72	1.76	1.88	2.06	2.19	2.22	2.36	2.28	2.39	2.43	2.13
1400-	2.50	2.39	2.39	2.32	2.06	1.78	1.79	1.76	1.84	1.83	2.07
1500-	1.85	2.02	2.07	2.29	2.38	2.30	2.30	2.28	2.15	2.08	2.17
1600-	1.92	1.94	2.11	2.14	1.79	1.77	1.74	1.76	1.85	1.74	1.88
1700-	1.82	1.98	1.94	2.16	2.35	2.67	3.03	3.65	3.91	3.81	2.73
1800-	4.00	3.69	3.08	2.92	2.84	2.52	2.23	1.92	1.63	1.60	2.64
1900-	1.49	1.43	1.39	1.40	1.32	1.29	1.39	1.46	1.52	1.66	1.44
2000-	1.76	1.74	2.18	2.99	3.65	2.93	2.38	2.16	1.70	1.47	2.30
2100-	1.41	1.43	1.37	1.27	0.65	0.22	0.32	0.18	0.12	0.12	0.71
2200-	0.13	0.12	0.13	0.12	0.13	0.11	0.14	0.17	0.12	0.08	0.13
2300-	0.08	0.18	0.19	0.17	0.20	0.20	0.21	0.22	0.19	0.18	0.18

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 79
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 161

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 Average
 Std Deviation
 Variance
 Number

 2.06 1.94
 1.078 ---
 1.163 ---
 161 161

 2.06
 1.078
 1.163
 161
 =====

EMISSIONS FOR 04255

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.37	2.37	2.46	2.80	3.07	3.07	3.27	3.31	3.91	2.96
0100-	3.88	3.75	3.51	3.25	3.37	3.66	3.09	2.80	2.87	2.85	3.30
0200-	2.62	2.69	2.99	3.13	3.07	3.15	3.07	2.74	3.41	3.70	3.06
0300-	3.55	4.05	4.42	3.77	3.92	4.81	4.54	4.36	5.10	5.29	4.38
0400-	5.26	5.45	5.58	5.88	5.54	5.71	6.17	5.89	5.61	5.70	5.68
0500-	5.42	5.65	5.52	5.58	6.23	4.17	6.51	6.23	6.16	6.80	5.83
0600-	6.95	6.57	6.15	6.76	6.85	7.03	7.04	6.93	7.54	7.92	6.97
0700-	7.63	7.57	7.23	6.92	7.38	6.74	5.86	4.99	4.67	3.92	6.29
0800-	3.34	2.89	2.66	2.69	3.10	3.14	3.58	3.96	4.47	5.26	3.51
0900-	6.17	6.11	6.56	7.17	8.20	8.44	8.38	8.95	9.25	8.93	7.82
1000-	8.79	9.02	7.63	7.22	6.90	6.87	6.51	6.22	6.20	6.38	7.17
1100-	6.07	5.81	6.44	6.47	6.25	6.54	6.98	7.29	6.97	6.97	6.58
1200-	7.06	7.42	7.39	6.91	6.87	6.91	6.91	6.88	7.64	7.23	7.12
1300-	6.94	7.36	6.88	6.37	6.35	3.84	6.08	5.54	5.67	5.29	6.03
1400-	5.10	4.80	4.44	3.88	3.52	3.18	3.16	6.21	8.20	8.60	5.11
1500-	9.16	9.55	10.11	12.05	11.97	11.65	11.84	13.38	13.91	12.07	11.57
1600-	11.09	12.52	14.26	16.71	12.69	11.66	13.35	12.57	13.80	12.48	13.11
1700-	12.77	13.31	14.76	13.17	12.80	13.02	11.85	12.04	12.01	10.34	12.61
1800-	11.34	11.26	11.52	11.09	10.56	10.63	10.08	10.54	9.93	10.09	10.70
1900-	9.84	10.20	10.36	9.85	9.75	9.74	8.96	9.12	8.27	7.66	9.38
2000-	7.22	6.20	5.94	5.68	5.74	5.86	6.15	6.13	6.66	6.58	6.22
2100-	6.64	6.85	7.04	7.28	7.23	4.18	7.17	7.08	6.79	6.50	6.68
2200-	6.80	6.82	6.59	8.13	8.23	7.31	6.81	7.20	6.83	7.24	7.19
2300-	7.29	7.16	7.28	7.54	6.97	6.84	6.69	6.67	5.87	5.69	6.80

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.94	6.94	
Std Deviation	2.903	2.903	
Variance	8.425	8.425	
Number	239	239	

EMISSIONS FOR 04254

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.87	4.57	4.09	3.99	3.92	3.74	3.86	3.64	3.54	4.03
0100-	3.62	3.54	3.62	3.81	4.20	4.54	4.92	5.33	5.42	5.78	4.48
0200-	6.35	6.73	6.82	7.21	6.87	6.79	6.03	4.44	3.39	3.02	5.77
0300-	2.35	2.14	2.07	2.03	2.08	2.09	2.18	2.45	3.04	4.13	2.46
0400-	5.25	5.89	5.95	5.88	5.33	5.00	4.91	4.67	4.88	4.17	5.19
0500-	3.92	3.65	3.37	3.22	3.28	2.96	3.29	3.19	3.09	2.81	3.28
0600-	2.82	2.72	2.47	2.40	2.46	2.44	2.61	2.94	3.34	3.72	2.79
0700-	4.11	4.64	5.41	5.64	5.64	5.57	5.45	5.61	5.74	4.76	5.26
0800-	1.08	1.65	1.56	1.47	1.52	1.62	1.75	2.35	4.37	3.83	2.12
0900-	4.06	4.55	4.90	4.68	4.07	4.06	4.60	4.72	3.90	3.59	4.31
1000-	3.33	3.05	4.59	6.91	7.29	6.94	6.65	6.69	6.80	6.93	5.92
1100-	6.21	6.26	5.94	5.30	5.33	5.24	4.90	4.56	4.38	4.25	5.24
1200-	4.12	4.26	4.01	3.82	3.74	3.80	3.79	3.87	3.72	3.81	3.89
1300-	3.77	3.82	4.12	4.10	4.25	3.14	4.01	3.64	3.46	3.18	3.75
1400-	2.51	2.71	2.56	2.21	2.11	2.01	2.17	2.23	2.36	2.47	2.33
1500-	2.97	2.82	3.29	3.72	3.28	3.48	3.65	4.41	4.38	3.88	3.59
1600-	3.46	3.34	3.53	3.79	3.93	4.54	4.63	4.86	4.70	4.29	4.11
1700-	4.41	5.94	4.97	4.40	4.62	4.33	3.98	3.29	2.70	2.75	4.14
1800-	2.56	2.45	2.50	2.41	2.44	2.55	2.61	2.79	2.93	3.11	2.64
1900-	3.66	4.11	3.83	3.45	3.45	3.72	3.31	3.19	3.02	2.82	3.46
2000-	2.59	2.53	2.42	2.35	2.21	2.14	2.28	2.41	2.61	3.22	2.48
2100-	3.80	4.00	4.00	4.41	4.44	3.19	5.32	5.43	5.89	6.06	4.65
2200-	5.59	5.09	5.10	4.95	4.53	2.95	1.80	3.02	2.83	3.36	3.92
2300-	3.24	3.08	2.83	2.58	2.59	2.35	2.22	2.24	2.22	2.29	2.56

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	3.85	3.85	
Std Deviation	1.323	1.323	
Variance	1.751	1.751	
Number	239	239	

EMISSIONS FOR 04253

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.54	4.33	4.15	4.08	3.99	4.09	4.04	4.00	4.08	4.14
0100-	4.18	4.29	4.55	4.59	5.36	5.75	6.02	6.51	6.97	7.60	5.58
0200-	8.75	9.12	9.36	9.07	9.09	9.49	9.32	8.97	8.60	7.70	8.95
0300-	7.36	7.46	7.54	7.66	7.31	7.12	7.08	7.69	7.19	6.95	7.34
0400-	6.84	6.84	6.70	6.65	7.17	6.98	7.31	8.30	8.38	8.08	7.32
0500-	7.39	6.73	5.66	4.89	4.62	3.17	4.16	3.84	3.89	3.95	4.83
0600-	4.16	3.99	3.88	4.25	3.99	3.72	3.64	3.65	3.40	3.13	3.78
0700-	3.03	2.93	2.98	3.01	3.04	3.08	3.06	3.09	3.29	3.40	3.09
0800-	3.48	3.45	3.52	3.30	3.21	3.06	2.82	2.70	2.74	2.62	3.09
0900-	2.54	2.46	2.48	2.35	2.48	2.58	2.78	2.89	3.15	3.23	2.69
1000-	3.30	3.41	3.58	3.46	3.14	2.97	2.93	2.95	2.64	2.42	3.08
1100-	2.39	2.26	2.13	2.25	2.30	2.38	2.44	2.72	3.00	3.18	2.50
1200-	3.50	3.78	3.88	4.34	4.79	5.19	5.62	5.91	5.95	5.86	4.88
1300-	5.73	5.06	4.86	4.58	4.33	3.23	4.25	3.92	3.81	3.77	4.35
1400-	3.42	3.07	2.93	2.53	2.32	2.14	2.09	2.14	2.27	2.35	2.53
1500-	2.37	2.29	2.61	2.98	3.65	4.03	4.13	4.35	4.83	5.13	3.64
1600-	4.43	3.59	2.74	2.65	2.20	2.06	1.85	1.94	1.96	2.06	2.55
1700-	2.17	2.34	2.41	2.73	3.02	3.20	3.37	3.25	3.39	3.83	2.97
1800-	4.22	4.61	4.50	4.43	4.55	4.03	3.24	2.90	2.53	2.37	3.74
1900-	2.37	2.49	2.41	2.31	2.31	2.41	2.55	2.73	2.96	3.28	2.58
2000-	3.35	3.75	3.90	3.79	3.75	3.81	3.91	3.86	4.23	4.21	3.86
2100-	3.55	3.03	2.77	2.64	2.49	2.85	2.57	2.51	2.43	2.54	2.74
2200-	2.71	2.88	3.17	3.37	3.61	3.96	4.28	4.53	4.98	4.81	3.83
2300-	5.25	5.50	5.87	6.23	6.43	6.48	6.47	6.30	6.06	5.52	6.01

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.17	4.17	
Std Deviation	1.823	1.823	
Variance	3.324	3.324	
Number	239	239	

EMISSIONS FOR 04252

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	1.87	2.27	2.79	2.91	3.24	2.98	2.94	2.70	2.51	2.69
0100-	2.43	2.15	1.90	1.63	1.48	1.35	1.29	1.21	1.16	1.13	1.57
0200-	1.22	1.26	1.32	1.38	1.38	1.48	1.53	1.73	1.91	2.20	1.54
0300-	2.58	3.04	3.31	3.55	3.43	3.22	3.04	2.49	1.96	1.70	2.83
0400-	1.44	1.34	1.35	1.46	1.51	1.47	1.54	1.63	1.73	1.76	1.52
0500-	1.84	1.99	2.45	3.09	3.73	3.66	5.00	5.25	5.43	5.69	3.81
0600-	5.72	6.27	6.23	6.21	5.98	6.41	6.80	6.60	6.95	6.96	6.41
0700-	6.07	6.04	5.98	5.49	4.87	4.33	3.57	2.88	2.68	2.02	4.39
0800-	1.83	1.68	1.57	1.70	1.96	2.36	2.99	3.75	4.34	4.83	2.70
0900-	5.05	5.21	5.48	6.92	6.95	5.90	4.56	3.39	2.51	2.56	4.85
1000-	2.80	2.42	2.05	1.98	2.07	2.09	2.23	2.48	3.16	3.53	2.48
1100-	3.81	4.31	5.12	5.91	6.16	6.59	7.45	7.33	7.26	7.22	6.12
1200-	7.11	7.02	5.89	4.80	4.13	3.36	3.01	2.78	2.59	2.60	4.33
1300-	2.77	2.96	3.08	3.22	3.61	2.83	3.80	3.66	3.69	3.68	3.33
1400-	3.70	3.49	3.12	3.08	2.86	2.62	2.58	2.66	2.77	2.83	2.97
1500-	3.02	3.20	3.47	4.11	4.94	5.81	6.96	7.94	8.42	8.61	5.65
1600-	9.00	8.90	9.02	10.36	8.68	8.49	8.04	7.50	7.17	6.41	8.36
1700-	5.47	4.65	4.23	4.17	3.62	3.26	3.24	3.13	3.12	3.12	3.80
1800-	3.29	3.30	3.60	4.03	4.21	4.28	4.21	4.34	4.81	5.35	4.14
1900-	5.84	6.66	7.01	8.35	9.51	10.11	9.70	9.68	8.93	8.40	8.42
2000-	7.78	6.95	6.29	6.19	6.30	6.29	5.86	5.46	5.29	5.43	6.18
2100-	5.85	5.62	5.62	5.60	5.52	3.51	5.92	5.85	6.17	6.38	5.60
2200-	6.41	6.34	6.39	6.69	7.38	7.36	7.44	7.91	7.99	8.61	7.25
2300-	8.62	9.06	8.93	8.46	8.09	7.66	7.05	6.17	5.59	5.16	7.48

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 239

=====			
NOx in pounds per ton of clinker produced			
=====			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
=====		=====	
Arithmetic	Weighted	Arithmetic	
=====		=====	
Average	4.53	4.59	4.53
Std Deviation	2.319	---	2.319
Variance	5.376	---	5.376
Number	239	239	239
=====			

EMISSIONS FOR 04251

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	0.34	0.34	0.38	0.39	0.43	0.43	0.49	0.52	0.56	0.43
0100-	0.56	0.61	0.62	0.68	0.74	0.69	0.69	0.81	0.88	0.88	0.72
0200-	0.92	1.02	0.99	1.09	1.18	1.22	1.24	1.37	1.49	1.70	1.22
0300-	1.81	1.67	1.76	2.06	5.06	4.98	2.01	7.92	7.79	7.91	4.30
0400-	7.23	8.48	10.36	10.08	9.60	9.31	9.08	10.17	9.90	9.30	9.35
0500-	8.58	9.59	9.28	8.12	8.24	4.91	9.66	9.96	10.19	9.76	8.83
0600-	10.25	9.93	9.42	9.65	9.68	9.05	8.00	8.47	8.57	9.29	9.23
0700-	9.57	9.61	9.65	9.12	9.61	9.42	9.05	9.70	9.40	9.41	9.46
0800-	8.88	8.47	8.86	8.62	8.31	8.51	8.98	9.39	9.47	8.61	8.81
0900-	8.38	8.50	8.62	8.66	8.31	7.80	8.88	9.32	7.73	7.74	8.39
1000-	8.74	8.78	7.73	7.87	8.54	8.15	7.52	8.97	8.15	7.61	8.21
1100-	8.15	8.97	8.54	7.17	6.57	7.49	7.19	6.10	4.78	3.36	6.83
1200-	3.57	4.57	4.77	4.80	4.37	4.75	5.57	6.30	6.10	6.18	5.10
1300-	6.06	6.07	5.64	6.05	6.22	3.32	6.55	7.07	6.54	6.19	5.97
1400-	4.42	5.94	6.62	5.76	4.93	4.70	3.33	1.29	2.18	2.63	4.18
1500-	2.56	2.18	(1)	(1)	(1)	(1)	(1)	6.14	7.54	7.81	5.25
1600-	7.56	6.24	5.10	8.70	7.26	7.44	7.11	5.77	4.03	3.39	6.26
1700-	2.63	2.82	2.93	2.40	2.09	2.39	2.68	3.25	3.60	4.40	2.92
1800-	5.15	5.61	5.98	5.72	5.26	5.19	5.03	4.40	3.69	2.85	4.89
1900-	2.39	2.16	1.88	1.72	1.64	1.57	1.59	1.56	1.56	1.60	1.77
2000-	1.70	1.71	1.71	1.71	1.72	1.79	1.66	1.61	1.55	1.48	1.67
2100-	1.37	1.36	1.26	1.23	1.30	1.97	1.67	1.83	2.36	2.74	1.71
2200-	3.24	4.40	5.52	6.22	6.39	6.33	6.79	6.33	5.70	4.40	5.53
2300-	3.17	2.60	2.15	1.77	1.55	1.47	1.42	1.46	1.44	1.45	1.85

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 6
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 234

=====				=====			
NOx in pounds per ton of clinker produced							
=====				=====			
		ALL NON-ZERO DATA		KILN SPEED > 20 rph			
		=====		=====			
		Arithmetic	Weighted			Arithmetic	
		=====	=====			=====	=====
Average		5.14	5.07			5.14	
Std Deviation		3.206	---			3.206	
Variance		10.278	---			10.278	
Number		234	234			234	
=====				=====			

EMISSIONS FOR 04250

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*	0.14
1300-	* 0.13*	0.18*	0.19*	0.18*	0.23*	0.94*	0.24*	0.26*	0.26*	0.26	0.29
1400-	* 0.51*	0.13*	0.33*	0.32*	0.56*	0.38*	0.58*	0.38*	0.38*	0.43	0.40
1500-	* 0.41*	0.33*	0.32*	0.31*	0.32*	0.32*	0.18*	0.20*	0.31*	0.31	0.30
1600-	* 0.30*	0.30*	0.30*	0.47*	0.33*	0.32*	0.43*	0.32*	0.43*	0.43	0.36
1700-	* 0.43*	0.46*	0.45*	0.45*	0.53*	0.53*	0.53*	0.59*	0.57*	0.47	0.50
1800-	* 0.57*	0.47*	0.59*	0.69*	0.69*	0.67*	0.50	0.35	0.23	0.25	0.50
1900-	0.25	0.23	0.25	0.21	0.22	0.23	0.21	0.22	0.21	0.23	0.23
2000-	0.24	0.24	0.24	0.25	0.25	0.29	0.28	0.31	0.30	0.31	0.27
2100-	0.31	0.29	0.29	0.29	0.29	0.49	0.30	0.28	0.31	0.33	0.32
2200-	0.36	0.35	0.31	0.34	0.35	0.37	0.32	0.32	0.30	0.28	0.33
2300-	0.25	0.28	0.28	0.29	0.29	0.27	0.28	0.29	0.31	0.32	0.28

* Kiln Speed less than or equal to 20 RPH : 58
 (1) No value taken or data not retrievable : 129
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 53

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

0.34 0.42
 0.133 ---
 0.018 ---
 111 111

0.29
 0.051
 0.003
 53

EMISSIONS FOR 04249

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	*	1.19*	1.23*	1.28*	0.96*	0.57*	0.58
1600-	*	0.54*	0.91*	1.16*	0.78*	0.82*	2.26*	4.05*	4.32*	1.69	1.84
1700-	*	1.56*	1.53*	1.22*	1.17*	1.17*	1.12*	1.17*	1.12*	1.15*	1.30
1800-	*	1.11*	1.10*	1.07*	1.08*	0.99*	0.81*	0.85*	0.86*	0.86*	0.82
1900-	*	0.78*	0.79*	0.78*	0.77*	0.77*	0.47*	0.35*	0.82*	0.59*	0.65
2000-	*	0.41*	0.17*	0.64*	0.40*	0.63*	0.63*	0.61*	0.61*	0.61*	0.55
2100-	*	0.55*	0.54*	0.55*	0.33*	0.32*	0.71*	0.59*	0.56*	0.73*	0.49
2200-	*	0.50*	0.49*	0.71*	0.48*	0.48*	0.47*	0.48*	0.73*	0.42*	0.43
2300-	*	0.18*	0.41*	0.64*	0.40*	0.64*	0.41*	0.40*	0.40*	0.34*	0.33

* Kiln Speed less than or equal to 20 RPH : 86
 (1) No value taken or data not retrievable : 154
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.83	1.94	0.00
Std Deviation	0.639	---	0.000
Variance	0.409	---	0.000
Number	86	86	0

Riverside Cement Company

A GIFFORD-HILL COMPANY

Post Office Box 832
Riverside, California 92502

1500 Rubidoux Boulevard
Telephone: 714/683-3660



January 16, 1986

Joseph A. Stuart
Executive Officer
South Coast Air Quality
Management District
9150 Flair Drive
El Monte, CA. 91731

RE: January 24, 1986, Executive Officer Hearing on Rule 1112

Dear Mr. Stuart:

Riverside Cement Company would like to include the attached data sheets containing 6 - minute pounds of NOx per ton of clinker values covering the days of August 12 to October 22, 1985 inclusive as an addendum to Attachment Q of the Technical Report on the Demonstration of the Feasibility of NOx Emissions Reduction at Riverside Cement Company, Crestmore Plant, submitted by Riverside Cement Company and to the Comments of Riverside Cement Company, submitted by Landels, Ripley & Diamond, 450 Pacific Avenue, San Francisco, California. These documents were hand delivered to your office on January 13, 1986.

These attached data sheets were inadvertently left out of Attachment Q when the attachment was assembled. If you have any questions please contact Mr. Gerald L. Young, Riverside Cement Company, P.O. Box 832, Riverside, California, 92502, 714-683-3660 or Mr. Ronald C. Hausmann, Landels, Ripley & Diamond, 450 Pacific Avenue, San Francisco, California, 94133, 415-788-5000.

Gerald L. Young
Manager, Crestmore
NOx Research Project

Enclosures

cc: Curtis L. Coleman, Esq.
Clerk of the District Board
Ronald C. Hausmann
David S. Cahn

RECEIVED

JAN 17 1986

Landels Ripley & Diamond

ADDENDUM TO
VOLUME 3
ATTACHMENT Q TO

TECHNICAL REPORT ON THE DEMONSTRATION
OF THE FEASIBILITY OF
NO_x EMISSIONS REDUCTION
AT RIVERSIDE CEMENT COMPANY,
CRESTMORE PLANT

Gerald L. Young
Russ Mac Mann
Riverside Cement Company

John Croom, Ph.D.
Quantitative Applications

January 16, 1986

EMISSIONS FOR 05295

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	7.02	6.99	7.26	7.42	7.55	7.28	7.05	7.07	7.02	7.18
0100-	6.72	6.79	6.94	6.88	6.64	6.76	6.25	6.64	6.83	6.75	6.72
0200-	6.83	6.77	6.73	6.70	6.70	6.82	7.01	6.88	7.02	7.22	6.87
0300-	7.12	6.87	7.38	7.29	7.33	7.15	7.58	7.44	7.58	7.78	7.35
0400-	7.72	7.84	7.66	7.60	8.25	8.40	8.68	8.96	9.20	8.57	8.29
0500-	8.52	8.24	8.30	8.21	8.87	8.40	9.55	9.20	9.87	10.21	8.94
0600-	10.46	10.27	9.80	9.73	(3)	9.75	9.19	9.89	10.84	10.89	10.09
0700-	11.05	10.89	10.05	9.80	9.86	9.99	9.68	9.16	8.97	8.56	9.80
0800-	8.29	8.09	8.34	8.15	8.52	8.84	9.40	8.99	9.79	9.74	8.81
0900-	9.23	8.79	8.93	9.56	10.56	11.39	11.21	10.41	(3)	9.71	9.98
1000-	10.08	10.46	10.56	10.85	10.93	10.65	10.60	10.54	10.11	9.47	10.42
1100-	8.69	9.04	9.38	9.90	10.25	10.50	10.30	10.16	9.99	9.75	9.80
1200-	10.02	9.92	9.87	10.00	9.69	9.46	9.37	9.12	8.96	8.77	9.52
1300-	8.92	9.04	8.61	7.72	7.26	8.05	8.12	7.85	8.51	8.64	8.27
1400-	8.78	8.84	8.58	8.86	9.01	9.19	9.27	8.98	8.82	8.82	8.92
1500-	8.91	8.84	8.64	8.31	8.45	8.68	8.52	8.71	8.83	8.98	8.69
1600-	8.51	8.09	7.99	8.21	7.95	8.28	8.22	8.18	8.03	8.16	8.16
1700-	7.77	7.03	7.43	7.27	6.83	6.80	6.66	6.37	6.06	5.76	6.80
1800-	5.52	5.47	5.38	5.43	5.49	5.13	5.25	5.15	4.99	5.03	5.29
1900-	4.89	4.92	4.92	4.75	4.97	4.90	5.02	5.22	5.04	5.20	4.98
2000-	5.17	5.09	5.08	5.13	4.88	5.24	5.16	5.30	5.35	5.38	5.18
2100-	5.52	5.17	5.18	5.10	5.06	5.17	4.81	4.91	4.60	4.48	5.00
2200-	4.65	4.41	4.62	4.65	4.70	4.69	4.89	4.83	4.90	5.03	4.74
2300-	4.98	5.18	4.99	5.43	5.11	5.08	5.29	5.72	5.72	5.35	5.29

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 2
 (4) Infinite : 0
 All other observations : 237

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

7.69 7.71
 1.889 ---
 3.570 ---
 237 237

7.69
 1.889
 3.570
 237

=====

EMISSIONS FOR 05294

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.27	4.57	4.74	4.81	5.04	5.44	5.23	5.48	5.52	5.01
0100-	5.46	5.07	4.86	4.63	4.42	4.56	4.43	4.56	4.47	4.38	4.68
0200-	4.60	4.36	4.25	4.09	4.03	3.78	3.72	3.55	3.75	3.63	3.98
0300-	3.68	3.71	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.69
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	3.60	(3)	3.75	4.02	(2)	(2)	(2)	(2)	(2)	3.79
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	5.05	5.46	5.25
1600-	5.30	5.79	(2)	(2)	(2)	(2)	6.89	6.79	7.16	6.68	6.44
1700-	6.95	7.96	9.03	9.56	9.37	9.70	10.38	10.97	10.97	10.72	9.56
1800-	10.82	10.69	10.31	10.23	10.01	9.90	9.91	10.09	10.32	10.55	10.28
1900-	9.49	9.52	9.48	8.87	9.54	10.44	10.01	9.24	9.74	9.80	9.61
2000-	9.74	10.16	10.02	9.49	9.90	9.93	9.67	10.93	10.66	11.65	10.21
2100-	10.58	11.09	10.33	9.48	7.45	9.62	9.88	8.39	8.67	7.41	9.29
2200-	7.69	6.55	6.83	6.45	6.93	7.57	7.61	7.80	7.77	7.69	7.29
2300-	7.56	7.16	6.86	6.89	6.98	6.96	7.33	7.35	7.06	7.08	7.12

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 38
 (2) Fuel abnormality : 89
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 112

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

7.44 7.42
 2.447 ---
 5.988 ---
 112 112

7.44
 2.447
 5.988
 112

EMISSIONS FOR 05293

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.23	8.75	9.39	8.88	9.05	9.28	9.61	10.12	9.75	9.23
0100-	10.06	9.59	8.92	8.40	8.12	8.27	8.43	8.78	9.06	9.24	8.89
0200-	9.30	8.85	8.30	8.50	8.27	8.44	8.64	8.49	8.38	8.29	8.55
0300-	8.43	7.66	7.30	7.84	7.60	7.12	7.26	7.26	7.15	7.13	7.47
0400-	7.16	7.14	7.24	7.22	7.22	7.10	7.20	6.94	6.99	7.14	7.14
0500-	6.71	6.16	5.91	5.75	5.99	5.74	5.41	4.61	4.89	5.02	5.62
0600-	4.39	4.61	5.22	5.26	5.59	5.67	5.67	5.35	3.23	(3)	5.00
0700-	5.15	5.19	5.05	5.05	5.19	5.06	4.81	4.64	4.54	4.64	4.93
0800-	4.36	4.26	4.16	4.05	4.16	4.19	3.99	4.29	4.17	3.71	4.13
0900-	3.56	3.50	3.35	3.67	3.66	3.72	3.94	4.26	(3)	4.51	3.80
1000-	4.81	4.64	4.80	4.59	4.57	4.86	5.13	5.08	5.18	5.25	4.89
1100-	5.19	5.22	5.34	5.21	5.02	5.04	5.22	5.39	5.60	5.52	5.28
1200-	5.47	5.47	5.10	5.10	4.99	4.81	4.65	4.48	4.56	4.40	4.90
1300-	4.39	4.32	4.04	4.00	3.86	3.78	3.66	3.73	3.60	3.71	3.91
1400-	3.73	3.96	4.09	4.04	4.12	4.28	4.33	4.33	4.47	4.37	4.17
1500-	4.45	4.59	4.70	4.84	4.91	5.02	5.06	4.76	5.02	5.07	4.84
1600-	4.66	4.77	4.55	4.23	4.58	4.25	4.35	4.50	4.30	4.53	4.47
1700-	4.55	4.52	4.36	4.11	4.00	3.83	3.63	3.54	3.32	3.17	3.90
1800-	3.00	3.19	3.18	3.10	2.92	3.17	2.89	3.09	2.89	2.96	3.04
1900-	2.96	2.89	3.00	2.95	3.08	3.05	3.43	3.13	3.42	3.37	3.13
2000-	3.36	3.29	3.18	3.38	3.32	3.27	3.07	3.02	2.91	2.84	3.16
2100-	2.79	2.90	3.05	3.11	3.34	3.29	3.55	3.47	3.50	3.57	3.26
2200-	3.68	3.83	3.90	3.73	4.03	3.86	3.89	3.79	3.94	4.00	3.86
2300-	3.94	3.99	4.08	4.07	4.16	4.28	4.14	4.10	4.06	4.21	4.10

* Kiln Speed less than or equal to 20 RPM : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 2
 (4) Infinite : 0
 All other observations : 237

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.06
 1.829
 3.344
 237

5.06
 1.829 *
 3.344
 237

EMISSIONS FOR 05292

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.36	6.11	6.25	6.17	5.77	6.04	5.86	5.82	6.22	6.07
0100-	5.86	5.63	5.73	5.71	5.94	5.89	5.91	5.64	5.75	5.30	5.74
0200-	5.52	5.22	5.13	4.91	5.14	5.22	5.12	4.97	5.33	5.43	5.20
0300-	5.33	5.43	5.25	5.21	5.30	5.27	4.99	5.43	5.34	5.69	5.32
0400-	6.09	6.22	6.42	6.51	6.86	7.22	7.47	7.61	7.59	7.61	6.96
0500-	8.17	8.66	9.22	9.49	9.09	7.91	7.17	6.44	6.45	7.11	7.97
0600-	6.93	7.46	8.13	9.17	9.01	8.76	7.65	6.45	6.69	7.39	7.77
0700-	7.63	7.90	7.75	7.50	6.81	7.50	7.20	6.79	6.45	6.38	7.19
0800-	5.96	6.30	6.37	6.68	6.22	6.11	6.37	6.21	6.36	6.49	6.31
0900-	6.32	6.32	6.13	6.17	6.20	5.93	5.83	6.06	(3)	5.88	6.09
1000-	5.84	5.58	5.81	5.62	5.88	(1)	(1)	(1)	(1)	(1)	5.74
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 136
 (2) Fuel abnormality : 0
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 103

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.43
 1.063
 1.131
 103

6.43
 1.063
 1.131
 103

EMISSIONS FOR 05291

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.91	3.96	4.03	4.09	4.02	3.98	3.84	3.99	3.66	3.94
0100-	3.40	3.43	3.45	3.33	3.43	3.51	3.56	3.49	3.54	3.56	3.47
0200-	3.68	3.49	3.45	3.73	3.75	3.61	3.44	3.13	3.01	2.97	3.43
0300-	2.87	2.77	2.63	2.51	2.55	2.48	2.39	2.29	2.21	2.19	2.49
0400-	2.20	2.19	2.42	2.49	2.46	2.45	2.51	2.63	2.72	2.93	2.50
0500-	3.36	3.66	3.94	3.86	4.12	4.09	4.65	5.30	5.82	6.03	4.48
0600-	6.29	6.69	7.03	7.71	8.30	8.66	8.24	8.13	7.48	6.74	7.53
0700-	6.06	5.17	6.46	6.61	7.11	7.37	7.43	7.23	7.28	7.33	6.80
0800-	7.32	7.24	6.74	6.97	5.11	3.99	4.46	3.89	3.92	3.96	5.36
0900-	4.28	3.88	4.40	4.41	4.96	5.36	5.62	5.83	(3)	5.85	4.95
1000-	6.00	6.40	6.47	7.16	7.20	7.40	7.82	7.52	7.13	7.29	7.04
1100-	7.29	6.64	6.25	6.03	6.08	5.42	5.51	5.65	5.17	5.16	5.92
1200-	5.29	5.04	5.35	5.32	4.96	5.03	4.83	4.78	4.69	4.53	4.98
1300-	4.52	4.41	4.68	4.32	4.36	4.07	3.61	3.57	3.32	3.43	4.03
1400-	3.11	3.42	3.26	3.66	3.15	3.29	3.13	3.24	3.10	3.35	3.27
1500-	3.29	3.31	3.12	3.02	2.74	2.68	2.52	2.36	2.26	2.59	2.79
1600-	2.53	2.66	2.81	2.51	2.61	2.88	2.79	3.11	3.36	3.79	2.90
1700-	4.89	5.60	6.63	8.00	8.98	9.36	10.11	9.69	9.79	10.08	8.32
1800-	9.74	10.39	10.56	9.93	9.96	9.25	8.63	8.43	8.61	8.06	9.36
1900-	8.22	7.24	7.10	6.89	6.96	7.11	6.81	7.62	7.72	8.59	7.43
2000-	7.88	8.69	7.74	9.04	8.68	9.20	8.68	9.44	10.12	10.90	9.04
2100-	10.85	11.15	11.24	10.61	10.43	9.81	9.40	9.08	9.01	9.18	10.08
2200-	9.29	9.63	9.53	9.46	9.10	8.95	8.47	7.82	7.75	7.77	8.78
2300-	7.86	7.87	8.04	7.73	7.19	7.09	6.63	6.55	6.18	6.43	7.16

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 238

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.68 5.71
 2.476 ---
 6.130 ---
 238 238

5.68
 2.476
 6.130
 238

EMISSIONS FOR 05290

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.79	4.57	4.34	4.44	4.54	4.65	4.88	5.05	4.94	4.69
0100-	4.93	4.68	4.36	4.76	4.79	4.96	4.86	4.58	4.65	4.87	4.75
0200-	5.03	4.88	4.66	4.37	4.23	4.28	4.07	3.99	3.90	4.03	4.34
0300-	3.75	3.66	3.60	3.48	3.58	3.31	3.13	3.43	3.44	3.40	3.48
0400-	3.38	3.37	3.24	3.60	3.66	3.59	3.92	3.87	3.94	4.07	3.66
0500-	4.14	4.05	3.90	4.12	4.15	4.12	4.18	4.44	4.53	4.29	4.19
0600-	4.18	4.14	4.10	4.60	4.46	(3)	4.71	4.78	4.56	4.01	4.39
0700-	3.56	3.64	3.60	3.62	3.19	3.41	3.14	2.76	2.50	2.37	3.18
0800-	2.41	2.28	2.17	2.00	1.83	1.88	1.68	1.98	1.98	1.91	2.01
0900-	2.01	2.15	2.24	2.18	2.39	2.38	2.55	2.19	(3)	2.46	2.28
1000-	2.17	2.14	1.96	2.01	2.08	(1)	(1)	(1)	(1)	(1)	2.07
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 136
 (2) Fuel abnormality : 0
 (3) Invalid data : 2
 (4) Infinite : 0
 All other observations : 102

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

3.62 3.60
 0.994 ---
 0.988 ---
 102 102

3.62
 0.994
 0.988
 102

EMISSIONS FOR 05289

HOOR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.62	6.60	6.82	6.75	5.77	5.36	4.60	4.35	4.12	5.67
0100-	4.20	4.10	4.40	4.48	4.85	4.76	4.71	4.80	4.82	4.97	4.61
0200-	4.82	5.01	4.76	4.97	4.95	5.07	5.13	5.27	5.36	5.71	5.11
0300-	5.95	6.21	6.69	6.74	6.61	6.30	6.27	6.12	6.51	7.12	6.45
0400-	7.23	7.04	6.82	6.74	6.87	6.76	6.88	6.84	6.81	6.91	6.89
0500-	6.91	7.26	7.70	7.54	7.58	7.48	7.66	7.87	7.77	7.52	7.53
0600-	7.20	6.76	6.86	7.20	7.86	7.80	7.57	6.82	6.52	6.67	7.12
0700-	7.57	7.67	7.72	7.06	6.87	6.65	7.25	7.31	7.24	7.26	7.26
0800-	7.53	7.81	8.15	8.44	8.47	7.74	5.04	2.16	5.73	9.39	7.05
0900-	(3)	(3)	(3)	7.44	8.73	(2)	(2)	(2)	(2)	(2)	8.08
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	3.03	2.78	2.62	2.76	2.71	2.58	2.48	2.43	2.67
1200-	2.61	2.85	3.09	3.19	3.50	3.74	(3)	4.76	6.08	6.97	4.09
1300-	7.63	6.82	7.59	7.98	6.74	7.22	7.70	7.39	6.44	7.40	7.29
1400-	7.41	8.05	6.83	7.48	7.04	7.11	7.50	7.85	7.96	8.14	7.54
1500-	7.98	7.84	7.51	7.45	7.33	7.21	6.86	7.24	7.02	7.25	7.37
1600-	6.95	6.56	6.25	6.35	6.30	7.50	7.82	7.54	7.21	7.23	6.97
1700-	7.20	6.99	5.67	6.01	5.46	5.15	5.46	5.69	5.33	5.22	5.82
1800-	4.89	5.39	5.23	5.98	5.83	6.13	5.66	4.88	4.53	4.35	5.29
1900-	4.58	4.04	3.87	4.07	4.27	4.28	4.25	4.21	4.52	4.43	4.25
2000-	4.37	4.43	4.48	4.09	3.94	4.07	3.75	3.82	3.71	3.43	4.01
2100-	3.68	3.13	3.05	3.01	2.69	2.54	2.69	2.45	2.39	2.57	2.82
2200-	2.67	2.89	3.14	3.27	3.24	3.35	3.19	3.04	2.89	2.96	3.06
2300-	3.21	3.23	3.22	3.43	3.56	3.43	3.78	4.18	4.48	4.86	3.74

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 17
 (3) Invalid data : 4
 (4) Infinite : 0
 All other observations : 218

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.63
 1.775
 3.152
 218

5.63
 1.775
 3.152
 218

EMISSIONS FOR 05288

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.98	4.54	4.88	4.87	4.88	5.22	5.28	5.15	5.24	5.01
0100-	5.25	5.80	6.19	6.41	8.15	8.41	9.14	9.76	9.99	10.01	7.91
0200-	10.23	8.99	8.69	8.60	8.35	8.24	9.23	9.65	10.16	9.93	9.21
0300-	9.79	8.21	7.92	7.33	7.63	7.14	6.42	6.38	6.05	5.28	7.21
0400-	5.03	4.99	4.39	4.40	4.13	3.83	3.73	3.32	3.18	3.01	4.00
0500-	3.08	2.93	2.96	3.16	3.38	3.60	4.45	4.90	5.58	6.39	4.04
0600-	6.14	6.92	6.86	7.85	8.20	9.28	9.82	10.98	11.58	11.68	8.93
0700-	11.53	10.38	10.00	9.88	9.83	9.27	9.47	9.37	6.44	(3)	9.57
0800-	7.74	8.29	8.23	8.04	7.86	8.78	9.01	9.20	9.06	8.97	8.52
0900-	9.53	9.56	9.69	9.88	9.40	9.42	9.30	10.09	(3)	10.27	9.68
1000-	10.21	8.65	10.02	9.54	8.61	7.29	8.78	8.16	6.32	7.46	8.50
1100-	8.25	7.62	8.18	8.30	7.70	8.16	7.50	7.83	8.14	8.74	8.04
1200-	9.52	9.37	9.26	9.57	8.44	7.33	9.10	9.33	7.30	7.37	8.66
1300-	10.65	9.63	9.17	9.24	9.47	8.83	8.52	7.90	7.88	8.21	8.95
1400-	8.27	8.80	8.85	8.29	7.86	7.53	7.67	7.67	7.99	8.14	8.11
1500-	8.01	7.83	7.21	7.21	6.91	6.82	7.12	6.58	6.50	6.15	7.03
1600-	5.95	6.66	7.00	7.24	7.79	7.94	7.75	7.36	6.85	5.97	7.05
1700-	5.20	4.87	4.13	3.81	3.47	3.02	2.76	(3)	2.80	2.82	3.65
1800-	3.06	3.17	3.08	3.07	3.18	3.09	3.00	3.08	3.18	3.22	3.11
1900-	3.12	3.03	2.96	2.87	2.82	2.78	2.88	2.80	2.90	2.97	2.91
2000-	3.16	3.29	3.36	3.37	3.60	3.79	4.42	4.76	5.16	5.95	4.09
2100-	6.64	6.88	6.91	7.45	7.47	7.22	7.15	7.38	7.76	7.60	7.24
2200-	6.77	6.67	7.03	7.40	7.62	7.70	7.69	7.26	7.15	6.72	7.20
2300-	6.07	5.70	5.46	5.71	5.87	6.23	6.49	7.00	7.07	6.69	6.23

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 3
 (4) Infinite : 0
 All other observations : 236

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.87	6.87	
Std Deviation	2.314	2.314	
Variance	5.354	5.354	
Number	236	236	

EMISSIONS FOR 05287

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.24	3.01	2.78	2.85	2.84	2.74	2.87	2.89	3.03	2.92
0100-	3.18	3.10	3.38	3.46	3.52	3.69	3.98	3.93	4.21	4.45	3.69
0200-	4.30	4.29	4.58	4.24	4.17	4.08	3.98	3.87	3.66	3.41	4.06
0300-	3.33	3.22	3.28	3.20	3.14	3.02	4.79	(2)	4.56	3.28	3.53
0400-	3.48	3.39	3.45	3.79	3.81	4.05	3.93	3.90	3.81	4.25	3.79
0500-	4.63	5.17	5.46	6.60	6.67	6.75	7.78	6.98	6.96	7.05	6.40
0600-	6.60	6.46	6.45	7.03	7.41	7.22	7.12	7.62	7.65	7.98	7.15
0700-	7.42	4.82	(3)	7.39	6.92	5.68	6.03	5.74	5.47	5.16	6.07
0800-	5.20	5.31	5.70	5.09	5.13	5.71	5.87	6.31	5.88	6.32	5.65
0900-	6.26	7.32	7.99	8.69	8.81	8.66	8.83	9.44	(3)	7.68	8.19
1000-	7.13	6.28	6.22	7.30	6.92	6.66	6.21	5.33	5.25	4.89	6.22
1100-	5.38	5.73	5.92	5.72	6.33	6.23	6.65	6.67	6.52	6.50	6.16
1200-	6.66	7.30	7.70	8.11	8.08	7.46	6.74	6.16	6.56	6.93	7.17
1300-	6.79	6.49	6.44	6.89	7.00	7.04	6.75	6.28	5.96	6.21	6.58
1400-	6.32	6.68	6.75	7.08	7.12	7.15	6.96	7.39	7.38	7.00	6.98
1500-	6.58	6.33	5.71	5.41	4.50	4.19	3.62	3.28	3.14	2.98	4.58
1600-	2.76	2.74	2.31	2.10	2.21	2.44	2.58	2.54	2.71	3.05	2.54
1700-	3.47	3.53	3.81	4.17	4.01	4.54	4.60	4.37	4.65	4.59	4.17
1800-	4.50	4.69	4.91	5.17	5.40	5.49	4.97	4.55	4.07	3.63	4.74
1900-	3.02	2.78	2.54	2.62	2.47	2.23	2.07	2.05	1.99	2.12	2.39
2000-	1.90	1.65	1.74	2.16	2.02	1.91	2.38	2.32	2.18	2.83	2.11
2100-	2.95	3.15	3.41	3.38	4.78	5.28	5.82	6.43	5.67	6.38	4.73
2200-	7.16	8.12	8.57	9.66	9.77	9.53	10.10	10.29	9.37	9.22	9.18
2300-	10.48	9.60	8.31	6.90	6.44	6.97	6.50	5.55	5.25	5.19	7.12

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 1
 (3) Invalid data : 2
 (4) Infinite : 0
 All other observations : 236

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.26 5.25
 2.027 ---
 4.110 ---
 236 236

5.26
 2.027
 4.110
 236

EMISSIONS FOR 05286

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	9.19	9.39	8.29	6.82	5.94	6.13	5.52	7.30	7.26	7.32
0100-	7.14	6.70	6.00	5.66	6.23	6.36	6.37	5.74	6.32	6.36	6.29
0200-	6.63	6.73	6.30	5.70	5.92	5.20	5.17	4.68	4.66	4.35	5.53
0300-	4.22	3.76	3.49	3.49	3.39	3.13	3.00	2.86	2.68	2.54	3.26
0400-	2.39	2.21	2.10	2.09	2.08	2.10	1.96	1.99	1.99	2.05	2.09
0500-	1.92	1.91	2.38	3.91	(2)	(2)	(2)	3.55	4.16	4.80	3.23
0600-	5.28	5.20	5.05	4.95	5.70	7.29	7.15	(3)	8.93	6.63	6.24
0700-	5.44	5.66	5.88	6.45	6.50	6.52	7.73	8.03	8.54	9.98	7.07
0800-	10.51	10.62	11.58	11.36	10.10	10.21	10.29	10.60	10.94	10.70	10.69
0900-	9.87	9.02	8.11	6.98	8.49	7.29	6.47	5.68	(3)	5.39	7.48
1000-	5.36	4.96	4.98	5.11	5.08	5.23	4.89	4.81	4.65	4.80	4.99
1100-	4.77	4.81	4.96	4.93	4.73	4.87	5.43	5.79	6.87	7.61	5.48
1200-	8.42	8.98	8.94	8.80	8.22	8.03	7.83	7.39	8.04	8.25	8.29
1300-	8.45	8.61	8.22	8.42	8.60	7.83	7.54	7.39	7.50	7.07	7.96
1400-	7.39	7.58	7.52	7.09	6.25	5.79	5.86	5.41	5.07	4.60	6.26
1500-	4.15	3.72	3.29	3.13	2.90	2.64	2.64	2.52	2.54	2.75	3.03
1600-	2.66	2.76	2.90	3.11	3.48	3.45	3.44	3.44	3.22	2.94	3.14
1700-	2.86	2.75	2.42	2.31	2.87	3.39	3.36	3.60	3.32	3.71	3.06
1800-	4.31	4.52	4.51	4.51	4.48	4.38	4.44	4.48	4.52	4.53	4.47
1900-	4.42	4.52	4.48	4.60	4.65	4.81	4.74	5.18	5.21	5.30	4.79
2000-	5.47	5.53	5.95	5.97	6.13	6.21	6.49	5.99	5.81	5.42	5.90
2100-	5.18	5.07	4.78	4.35	4.02	3.72	3.66	3.39	3.44	3.35	4.10
2200-	3.38	3.27	3.36	3.29	3.39	3.50	3.54	3.59	3.53	3.58	3.44
2300-	3.82	3.85	3.82	3.88	3.96	4.16	4.07	4.13	3.86	3.59	3.92

* Kiln Speed less than or equal to 20 RPH	:	0
(1) No value taken or data not retrievable	:	1
(2) Fuel abnormality	:	3
(3) Invalid data	:	2
(4) Infinite	:	0
All other observations	:	234

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	5.34	5.35	5.34
Std Deviation	2.193	---	2.193
Variance	4.809	---	4.809
Number	234	234	234

EMISSIONS FOR 05285

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.95	4.52	4.40	4.08	4.00	3.87	3.56	3.28	3.00	3.85
0100-	2.92	2.90	2.77	2.52	2.53	2.44	2.49	2.30	2.20	2.21	2.53
0200-	2.22	2.37	3.01	2.93	3.11	2.98	3.42	3.35	3.63	3.67	3.07
0300-	3.84	4.37	4.36	4.53	5.18	5.82	5.86	5.81	5.81	5.36	5.09
0400-	4.88	4.20	3.38	3.40	2.99	2.66	2.61	2.66	2.42	2.55	3.17
0500-	2.58	2.52	2.83	3.01	2.92	3.22	3.38	3.37	3.56	3.21	3.06
0600-	3.85	3.99	4.29	4.75	5.03	5.81	5.87	6.50	7.11	7.29	5.45
0700-	7.63	7.78	7.44	7.25	7.33	6.71	6.83	7.00	6.66	6.85	7.15
0800-	6.92	6.81	6.62	6.43	6.36	6.28	5.94	5.81	5.81	5.80	6.28
0900-	5.61	5.20	4.86	4.52	3.31	3.11	2.29	2.06	(3)	2.26	3.69
1000-	2.03	1.99	1.98	1.89	1.91	1.83	(2)	(2)	(2)	(2)	1.94
1100-	(2)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	3.25	2.71	2.89	3.05	2.84	3.17	3.89	4.28	4.31	3.38
1300-	4.38	3.91	3.66	4.46	5.17	5.35	5.66	5.05	5.89	5.57	4.91
1400-	6.14	6.65	7.46	8.01	8.65	9.56	9.66	9.87	9.54	10.67	8.62
1500-	9.89	9.49	10.24	9.10	9.31	7.69	8.26	8.60	6.95	7.78	8.73
1600-	8.18	7.05	9.16	9.37	8.06	7.08	6.92	6.87	5.80	4.52	7.30
1700-	3.11	2.66	2.37	2.26	2.29	2.23	2.21	2.31	2.32	2.50	2.43
1800-	2.77	2.75	2.81	3.14	3.29	3.48	3.65	3.73	4.10	4.40	3.41
1900-	4.61	4.80	5.13	5.18	5.43	5.23	5.17	(1)	(1)	(1)	5.08
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH	:	0
(1) No value taken or data not retrievable	:	44
(2) Fuel abnormality	:	14
(3) Invalid data	:	2
(4) Infinite	:	0
All other observations	:	180

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic Weighted		Arithmetic	
Average	4.76	4.73	4.76
Std Deviation	2.189	---	2.189
Variance	4.791	---	4.791
Number	180	180	180

EMISSIONS FOR 05284

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	12.11	12.32	11.71	11.14	10.87	8.60	8.03	8.61	8.66	7.89	13.12
0300-	7.16	6.51	6.36	6.06	4.96	5.10	4.22	4.29	3.91	4.11	9.99
0400-	4.01	4.33	4.62	4.97	5.55	5.71	5.82	5.70	5.57	5.40	5.27
0500-	5.90	5.79	5.87	6.18	6.09	5.94	6.20	(1)	(1)	(1)	5.17
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.00
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH	:	0
(1) No value taken or data not retrievable	:	184
(2) Fuel abnormality	:	0
(3) Invalid data	:	16
(4) Infinite	:	0
All other observations	:	40

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	7.14	7.14
Std Deviation	2.853	2.853
Variance	8.137	8.137
Number	40	40

EMISSIONS FOR 05283

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	2.96	3.47	3.74	4.08	4.01	(2)	2.62	3.26	3.57	2.91	2.89
1300-	5.68	5.59	(2)	5.72	6.22	6.37	6.55	6.83	7.01	7.17	6.35
1400-	7.43	7.75	7.60	7.44	7.33	7.11	6.76	5.98	4.89	3.32	6.56
1500-	2.17	1.96	1.90	1.96	1.92	1.86	1.59	1.76	2.77	(2)	1.99
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	3.64	3.35	3.44	3.84	4.32	4.20	4.43	4.97	4.02
1800-	5.83	6.92	7.74	7.97	8.76	9.73	10.68	11.24	11.86	11.71	9.24
1900-	11.82	10.68	11.63	10.91	12.13	10.52	12.15	10.54	12.42	11.80	11.46
2000-	14.23	13.56	14.00	13.61	14.21	12.34	11.08	9.68	9.05	8.81	12.06
2100-	7.09	5.19	4.19	3.86	3.53	2.94	2.66	2.35	2.34	2.32	3.65
2200-	2.95*	5.71	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	4.33
2300-	(2)	(2)	3.08	4.90	4.39	4.97	5.63	6.42	6.64	8.45	5.56

* Kiln Speed less than or equal to 20 RPH	:	1
(1) No value taken or data not retrievable	:	106
(2) Fuel abnormality	:	38
(3) Invalid data	:	0
(4) Infinite	:	0
All other observations	:	95

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
Std Deviation
Variance
Number

6.49
3.592
12.901
96

6.65

96

6.50
3.610
13.032
95

EMISSIONS FOR 05282

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.81	3.81	3.96	3.78	3.84	3.84	4.07	3.73	3.78	3.85
0100-	3.62	3.97	4.65	6.20	7.47	(3)	(2)	(2)	(2)	(2)	5.18
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(2)	6.11	6.11
0500-	7.67	9.83	9.72	8.28	8.27	8.50	9.30	10.30	8.38	9.23	8.95
0600-	9.49	9.82	10.52	10.22	9.44	8.89	8.94	(3)	7.02	7.32	9.07
0700-	8.28	8.06	10.05	10.90	11.47	11.10	10.82	11.48	14.46	15.72	11.23
0800-	16.08	16.07	15.16	15.14	12.64	13.65	12.47	9.59	(3)	(3)	13.85
0900-	(3)	6.29	10.12	10.56	9.55	6.64	6.31	6.53	(3)	6.79	7.85
1000-	7.04	6.61	6.79	6.60	6.24	6.92	7.50	8.24	8.34	8.80	7.31
1100-	8.21	7.96	8.45	7.98	8.72	9.55	(2)	(2)	(2)	(2)	8.48
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 156
 (3) Invalid data : 7
 (4) Infinite : 0
 All other observations : 76

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

8.52 8.21
 3.119 ---
 9.730 ---
 76 76

8.52
 3.119
 9.730
 76

EMISSIONS FOR 05281

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.74	6.15	6.11	6.54	6.72	7.65	9.58	11.16	12.10	7.97
0100-	11.37	10.34	11.14	9.67	9.77	10.06	9.80	9.92	10.51	10.64	10.32
0200-	10.73	10.49	9.92	10.39	(1)	(1)	(1)	(1)	(1)	(1)	10.38
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 217
 (2) Fuel abnormality : 0
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 23

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	9.41	9.41
Std Deviation	1.901	1.901
Variance	3.613	3.613
Number	23	23

EMISSIONS FOR 05280

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.38	3.30	3.35	3.72	3.63	3.77	3.97	4.57	4.60	3.81
0100-	4.58	5.31	5.08	5.23	5.22	5.32	5.38	4.45	4.35	3.72	4.86
0200-	3.78	3.23	2.75	2.68	2.47	2.43	2.35	2.62	2.65	2.80	2.78
0300-	3.32	3.60	3.94	3.90	3.52	3.53	3.47	3.28	3.43	3.50	3.55
0400-	3.39	3.58	3.59	3.97	4.12	4.46	4.52	4.78	4.54	4.38	4.13
0500-	4.29	4.14	4.60	4.53	5.00	4.68	4.76	4.33	(2)	(2)	4.54
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	2.28	2.33	2.57	2.67	2.63	1.61	2.35
0800-	1.51	1.43	1.67	1.91	1.88	1.55	1.52	1.57	1.88	1.94	1.69
0900-	1.62	1.50	1.81	1.77	1.74	1.70	1.91	2.52	(3)	3.07	1.96
1000-	3.10	2.48	2.36	2.81	3.35	3.14	3.04	3.34	4.36	4.83	3.28
1100-	5.93	5.90	7.45	8.28	9.43	10.09	11.25	11.56	11.21	10.48	9.16
1200-	10.47	10.20	10.86	11.43	8.24	7.82	6.50	5.22	4.01	3.63	7.84
1300-	3.49	3.52	4.13	4.69	4.92	5.54	6.94	8.29	9.79	9.51	6.08
1400-	8.63	8.92	10.42	11.16	11.63	12.70	(2)	14.86	13.37	12.47	11.57
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 91
 (2) Fuel abnormality : 17
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 131

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

4.89 4.91
 3.076 ---
 9.464 ---
 131 131

4.89
 3.076
 9.464
 131

EMISSIONS FOR 05279

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	12.58	11.43	13.01	11.77	11.42	9.23	9.88	11.02	10.52	11.20
0100-	10.96	10.36	9.16	8.78	7.89	7.89	7.80	7.42	6.81	5.98	8.31
0200-	6.51	5.96	5.62	5.48	5.30	5.54	5.67	5.96	5.73	6.48	5.83
0300-	6.34	6.66	6.11	4.93	4.83	5.03	4.67	4.98	5.19	5.38	5.41
0400-	5.04	4.94	4.53	4.11	3.64	3.68	3.84	3.97	3.92	4.11	4.18
0500-	3.97	4.00	4.00	4.03	4.01	3.93	4.08	4.17	4.12	4.21	4.05
0600-	4.06	4.24	4.29	4.16	4.23	4.23	(3)	5.53	4.54	4.87	4.46
0700-	4.88	4.86	5.26	5.46	5.29	5.47	5.81	6.37	(2)	6.49	5.54
0800-	6.72	6.38	5.96	6.14	6.05	5.52	5.06	4.92	4.47	4.32	5.55
0900-	4.36	4.66	4.76	4.70	5.20	5.51	5.58	5.41	(3)	5.97	5.13
1000-	4.93	3.99	3.62	2.84	2.46	2.91	2.44	2.53	2.41	2.49	3.06
1100-	2.26	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2.26
1200-	(3)	1.72	1.74	1.57	1.72	1.98	2.46	2.77	3.40	3.95	2.37
1300-	4.37	5.15	6.12	6.78	7.48	7.62	6.77	5.95	4.44	3.17	5.78
1400-	2.73	2.40	2.43	2.21	2.16	1.89	1.70	1.42	1.42	1.39	1.98
1500-	1.20	1.17	1.64	1.75	1.72	1.64	1.98	2.76	3.41	4.39	2.17
1600-	5.27	6.89	8.00	9.65	10.55	10.42	11.47	11.31	11.10	11.22	9.59
1700-	11.36	11.09	9.86	10.39	10.51	11.14	11.46	12.00	11.34	11.95	11.11
1800-	11.73	10.72	10.01	9.02	8.23	6.92	6.61	5.91	5.77	5.09	8.00
1900-	5.09	4.53	4.00	3.94	3.46	3.27	3.29	3.07	3.06	2.75	3.65
2000-	2.74	2.38	2.54	2.61	2.49	2.51	2.58	2.75	2.83	3.04	2.65
2100-	3.62	4.10	4.77	5.03	5.71	6.18	6.16	6.27	6.03	6.09	5.40
2200-	5.98	6.17	5.73	5.33	5.21	5.16	5.22	5.35	5.90	5.86	5.59
2300-	6.02	5.92	5.68	5.85	4.83	5.12	4.06	4.02	3.73	3.46	4.87

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 1
 (3) Invalid data : 12
 (4) Infinite : 0
 All other observations : 226

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

5.45 5.49
 2.745 ---
 7.533 ---
 226 226

5.45
 2.745
 7.533
 226

EMISSIONS FOR 05278

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	4.15	4.23	4.81	4.83	5.09	4.62
0100-	5.16	5.44	5.83	6.28	6.91	6.40	6.25	6.56	6.47	6.93	6.22
0200-	6.99	7.14	7.39	7.94	8.05	8.63	8.56	8.80	9.43	10.40	8.33
0300-	9.83	10.50	11.63	11.51	9.36	9.70	8.96	8.10	6.71	6.74	9.30
0400-	6.54	6.58	5.99	5.69	6.30	5.73	5.75	6.25	5.60	5.64	6.01
0500-	6.17	5.70	4.93	5.15	4.86	4.95	5.35	5.27	5.41	5.11	5.29
0600-	5.16	5.19	5.04	4.96	5.19	5.01	5.55	5.20	5.86	5.31	5.25
0700-	6.03	(3)	4.36	(3)	6.03	5.89	5.72	6.19	6.14	6.65	5.88
0800-	6.77	7.06	6.93	7.00	6.93	8.13	7.64	7.80	7.06	7.72	7.30
0900-	7.49	6.82	7.57	6.60	7.09	6.71	8.10	7.27	(3)	6.75	7.15
1000-	6.35	6.18	5.36	5.19	4.61	5.01	4.61	4.87	4.36	4.61	5.11
1100-	4.43	4.27	4.06	3.56	3.48	3.61	3.43	3.70	3.59	3.74	3.79
1200-	3.73	4.07	4.34	4.50	4.56	4.45	4.30	4.52	5.08	4.99	4.45
1300-	5.14	5.10	5.01	5.71	5.54	5.77	5.65	4.41	3.79	3.99	5.01
1400-	3.11	2.98	2.78	2.71	2.80	2.78	2.72	3.00	3.38	3.23	2.95
1500-	3.26	3.94	3.74	4.27	4.04	4.00	3.62	3.80	3.77	4.38	3.88
1600-	3.86	3.82	3.75	4.02	3.77	3.89	3.92	3.79	3.65	3.55	3.80
1700-	3.61	3.39	3.40	3.53	3.28	3.72	3.60	3.62	3.20	3.37	3.47
1800-	3.07	2.81	2.85	2.77	2.62	2.38	2.32	2.16	2.19	2.37	2.55
1900-	2.51	2.52	3.05	3.54	3.73	4.55	4.54	5.24	5.27	5.69	4.07
2000-	5.34	5.14	4.58	3.96	3.44	2.93	2.73	2.42	2.47	2.09	3.51
2100-	1.77	1.47	1.43	1.45	1.52	1.57	1.76	1.84	1.89	2.07	1.68
2200-	2.31	2.62	3.28	4.10	6.00	7.03	8.74	9.89	10.85	10.83	6.57
2300-	10.89	11.80	12.32	12.33	12.10	12.66	13.51	13.71	13.68	13.65	12.67

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 4
 (3) Invalid data : 3
 (4) Infinite : 0
 All other observations : 232

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.37 5.35
 2.564 ---
 6.572 ---
 232 232

5.37
 2.564
 6.572
 232

EMISSIONS FOR 05277

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5.53	(3)	3.72	4.63
0700-	3.75	4.14	4.06	4.08	3.85	4.00	3.67	3.11	3.40	3.62	3.77
0800-	3.61	3.84	3.88	3.90	3.99	4.27	4.14	4.42	4.19	4.60	4.08
0900-	4.53	5.25	5.77	5.80	6.29	6.00	6.09	6.10	(3)	5.69	5.72
1000-	6.02	5.53	5.98	5.70	5.53	5.32	5.11	5.20	5.54	5.53	5.55
1100-	5.23	5.54	5.38	5.30	5.32	5.21	5.01	4.78	4.22	3.95	4.99
1200-	3.75	3.53	3.12	3.45	3.14	3.12	3.00	2.80	2.87	2.93	3.17
1300-	2.88	2.94	3.06	3.28	3.22	3.34	3.22	3.20	3.11	2.82	3.11
1400-	3.08	2.95	2.97	2.94	3.04	2.92	3.19	3.07	2.98	3.08	3.02
1500-	2.99	3.12	3.10	3.15	3.27	3.49	3.53	3.37	3.67	3.74	3.34
1600-	3.75	3.59	3.53	3.35	3.18	3.12	3.00	2.88	2.79	2.67	3.19
1700-	2.57	2.53	2.39	2.30	2.17	2.11	1.89	1.96	1.90	1.86	2.17
1800-	1.97	2.38	(2)	2.51	2.02	2.14	(3)	(3)	(3)	(3)	2.20
1900-	(3)	(3)	5.63	6.44	5.61	6.42	7.68	8.91	11.78	17.72	8.77
2000-	13.46	18.78	15.79	18.06	17.44	16.47	20.37	16.97	14.46	15.67	16.75
2100-	16.36	16.15	16.78	17.77	18.19	17.71	22.76	18.07	17.34	17.75	17.89
2200-	18.36	19.70	19.77	18.43	16.25	22.64	16.35	16.21	16.15	17.54	18.14
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 14
 (3) Invalid data : 71
 (4) Infinite : 0
 All other observations : 154

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.71	6.46	6.71
Std Deviation	5.713	---	5.713
Variance	32.633	---	32.633
Number	154	154	154

EMISSIONS FOR 05276

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	18.83	19.04	17.43	17.07	18.31	17.87	18.20	17.09	14.67	17.61
0100-	13.72	12.29	11.37	10.55	9.93	9.80	9.90	10.25	10.20	8.35	10.64
0200-	8.21	6.51	5.62	7.15	9.96	11.06	10.63	11.10	11.59	12.11	9.39
0300-	13.09	13.56	13.99	14.46	15.20	17.44	17.85	18.53	17.23	17.35	15.87
0400-	16.81	17.59	16.58	17.52	18.69	18.18	17.63	18.44	18.09	17.69	17.72
0500-	16.89	16.41	15.02	11.49	12.63	13.20	12.34	11.37	11.18	10.95	13.15
0600-	13.38	14.81	13.92	16.02	16.47	16.83	16.36	18.28	(3)	18.24	16.03
0700-	(3)	(3)	(2)	(2)	(2)	(3)	(3)	(3)	(2)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 22
 (3) Invalid data : 149
 (4) Infinite : 0
 All other observations : 68

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

14.27 14.32
 3.554 ---
 12.633 ---
 68 68

14.27
 3.554
 12.633
 68

EMISSIONS FOR 05275

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.29	6.18	5.88	6.19	5.95	6.09	6.09	5.84	5.75	6.03
0100-	6.43	6.55	6.77	6.55	7.50	8.13	7.18	8.03	7.50	7.74	7.24
0200-	8.05	8.70	9.34	9.57	10.49	10.30	10.48	11.02	11.53	11.40	10.09
0300-	10.42	10.06	10.14	10.19	10.59	11.07	10.93	11.07	11.16	11.99	10.76
0400-	12.15	12.46	12.00	11.62	11.02	11.11	11.07	10.32	9.21	7.80	10.88
0500-	7.53	7.80	7.74	7.14	7.60	7.35	7.21	7.29	8.17	8.82	7.67
0600-	9.35	11.85	11.43	11.95	12.66	13.10	13.58	13.74	14.05	14.47	12.62
0700-	14.97	14.54	13.91	12.88	12.97	12.60	12.27	10.85	10.49	9.58	12.51
0800-	9.85	9.78	10.11	10.39	10.57	9.78	9.10	6.16	(3)	(3)	9.47
0900-	(3)	6.20	9.62	6.37	9.74	13.12	13.08	13.08	(3)	13.23	10.56
1000-	13.51	12.71	13.59	13.38	13.53	12.14	10.09	8.92	7.83	7.27	11.30
1100-	6.44	5.92	5.73	5.50	5.12	4.83	4.63	4.64	4.43	4.62	5.19
1200-	4.58	4.69	4.67	4.50	4.52	4.58	4.73	4.61	4.82	4.73	4.64
1300-	4.62	4.41	4.09	3.92	3.77	3.60	3.48	3.43	3.32	3.21	3.78
1400-	3.19	3.13	3.12	3.10	3.06	3.09	3.07	2.97	2.98	2.95	3.07
1500-	2.84	2.85	2.85	2.82	2.91	2.88	2.96	2.85	3.07	3.15	2.92
1600-	3.05	2.96	3.03	2.93	2.91	2.98	2.69	2.62	2.55	2.60	2.83
1700-	2.49	2.42	2.47	2.45	2.43	2.30	2.39	2.27	2.14	2.17	2.35
1800-	2.04	2.00	1.96	1.97	1.96	1.92	1.89	1.90	1.79	1.84	1.93
1900-	1.85	1.90	1.97	2.01	2.08	2.07	2.07	2.28	2.34	2.32	2.09
2000-	2.37	2.36	2.37	(2)	2.50	2.29	2.05	2.00	2.02	2.04	2.22
2100-	2.00	1.92	1.85	1.88	1.90	1.81	1.77	1.80	(2)	(2)	1.87
2200-	2.91	2.62	2.17	2.87	3.22	3.33	3.67	5.19	7.64	9.72	4.34
2300-	11.04	12.05	13.77	14.14	13.84	13.22	14.89	17.07	16.54	17.87	14.44

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 3
 (3) Invalid data : 4
 (4) Infinite : 0
 All other observations : 232

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NOx in pounds per ton of clinker produced

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ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.71 6.65
 4.216 ---
 17.778 ---
 232 232

6.71
 4.216
 17.778
 232

EMISSIONS FOR 05274

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.87	3.76	3.55	3.44	3.47	4.23	5.06	6.04	7.34	4.53
0100-	8.23	8.59	8.39	8.00	7.97	8.81	9.79	8.50	9.94	10.05	8.83
0200-	10.16	8.72	6.70	5.77	4.41	3.67	2.99	2.66	2.25	1.98	4.93
0300-	1.67	1.50	1.35	1.35	1.39	1.32	1.44	1.59	1.95	2.07	1.56
0400-	2.11	2.89	3.84	3.78	4.30	5.30	5.64	6.50	6.55	7.00	4.79
0500-	7.27	7.52	7.48	7.88	9.31	11.78	12.18	13.55	14.07	13.48	10.45
0600-	13.18	11.49	10.21	10.49	9.51	8.34	8.36	7.89	6.20	5.45	9.11
0700-	5.37	(3)	3.78	4.05	3.84	3.01	2.65	2.60	2.30	2.03	3.29
0800-	1.94	(3)	2.55	2.07	2.12	2.10	(3)	(3)	(3)	(3)	2.16
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6.58	6.58
1000-	10.76	11.86	12.60	12.41	12.79	12.65	13.60	13.23	12.81	13.06	12.58
1100-	12.72	12.02	11.87	4.35	4.11	7.84	(3)	(3)	(3)	(3)	8.82
1200-	1.20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1.20
1300-	(3)	(3)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	3.20	3.20
1400-	4.16	3.84	3.42	3.45	3.23	3.50	3.57	3.73	3.68	3.38	3.60
1500-	3.60	3.82	3.63	3.71	3.85	3.92	3.33	3.09	3.06	3.48	3.55
1600-	3.18	3.41	3.35	3.16	3.41	3.67	3.88	4.03	4.23	4.52	3.68
1700-	4.65	4.67	4.90	5.24	5.52	6.15	6.55	6.77	6.70	6.75	5.79
1800-	7.04	7.16	7.78	8.22	8.96	9.37	9.20	9.30	9.10	8.99	8.51
1900-	8.60	8.26	7.17	6.96	6.21	5.18	5.09	4.74	4.61	4.53	6.14
2000-	4.42	4.35	4.29	4.46	4.46	4.29	4.12	4.11	4.23	4.23	4.30
2100-	4.20	3.99	3.73	3.74	3.96	3.97	3.68	3.79	3.83	3.88	3.88
2200-	3.76	3.53	3.39	3.77	3.97	3.98	4.11	4.15	4.20	4.24	3.91
2300-	4.52	4.86	5.25	5.52	6.20	6.45	6.51	6.26	6.34	6.52	5.84

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 3
 (3) Invalid data : 34
 (4) Infinite : 0
 All other observations : 202

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.74
 3.144
 9.885
 202

5.74
 3.144
 9.885
 202

EMISSIONS FOR 05273

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	13.22	12.98	12.58	11.39	10.18	9.16	7.91	6.85	5.25	9.95
1500-	3.96	3.26	2.61	2.41	2.50	2.63	3.00	3.70	4.86	5.78	3.47
1600-	6.29	7.02	7.82	8.13	7.62	7.52	7.54	7.46	8.06	8.15	7.56
1700-	8.05	8.60	9.41	9.06	8.56	7.31	6.61	5.86	4.97	3.47	7.19
1800-	3.50	3.34	3.03	2.88	2.74	2.68	2.80	2.90	3.10	3.36	3.03
1900-	3.19	3.19	3.36	3.37	3.33	3.58	3.57	3.65	4.02	4.44	3.57
2000-	3.76	4.27	5.17	5.19	5.95	6.67	7.52	9.46	10.98	12.16	7.11
2100-	13.07	13.11	12.44	12.03	11.91	11.83	12.02	12.65	12.93	12.26	12.43
2200-	11.52	10.61	9.34	9.19	8.36	7.60	6.30	5.37	4.58	4.54	7.74
2300-	4.11	3.88	3.78	3.33	3.25	3.01	3.06	3.55	3.47	3.32	3.48

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 11
 (3) Invalid data : 129
 (4) Infinite : 0
 All other observations : 99

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.52 6.55
 3.398 ---
 11.544 ---
 99 99

6.52
 3.398
 11.544
 99

EMISSIONS FOR 05272

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(1)
1900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 14
 (3) Invalid data : 225
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

	ALL NON-ZERO DATA		KILN SPEED > 20 rph
	Arithmetic	Weighted	Arithmetic
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05271

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 230
 (3) Invalid data : 9
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05270

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 239
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05269

HOOR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 117
 (2) Fuel abnormality : 123
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05268

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 239
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

0.00 0.00
 0.000 ---
 0.000 ---
 0 0

0.00
 0.000
 0.000
 0

EMISSIONS FOR 05267

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 239
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

0.00 0.00
 0.000 ---
 0.000 ---
 0 0

0.00
 0.000
 0.000
 0

EMISSIONS FOR 05266

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.46	1.23	1.55	1.41
0900-	1.74	1.84	1.71	2.64	4.07	5.16	5.71	6.14	5.94	6.17	4.11
1000-	5.47	4.87	4.84	4.50	4.08	4.41	4.79	4.92	5.22	5.63	4.87
1100-	6.35	7.35	6.78	6.10	6.11	5.35	4.29	3.95	3.98	4.27	5.45
1200-	4.83	4.99	5.59	5.99	5.95	6.42	5.99	5.62	5.09	4.64	5.51
1300-	3.77	3.42	3.26	2.95	3.11	3.13	3.07	2.85	3.50	(2)	3.23
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 87
 (2) Fuel abnormality : 101
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 52

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

4.48 4.52
 1.531 ---
 2.344 ---
 52 52

4.48
 1.531
 2.344
 52

EMISSIONS FOR 05265

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.02	2.46	5.19	(2)	(2)	(2)	(2)	(2)	(2)	3.22
0100-	(2)	8.28	8.13	11.21	(2)	44.42	11.76	12.10	13.59	15.04	15.57
0200-	15.99	17.48	15.90	14.96	16.03	16.59	17.42	16.92	17.51	16.32	16.51
0300-	17.41	18.14	16.45	15.74	15.89	14.62	14.19	13.83	14.93	12.26	15.35
0400-	(2)	9.94	11.24	(2)	(2)	(2)	(2)	(2)	(2)	(2)	10.59
0500-	(2)	* 5.01	6.43	5.10	6.62	7.99	10.18	10.80	9.92	9.59	7.96
0600-	9.08	8.50	9.07	10.97	11.96	13.15	12.36	12.41	(3)	14.01	11.28
0700-	13.14	12.41	12.62	12.48	10.76	9.50	10.11	10.04	9.50	8.32	10.89
0800-	8.40	(3)	8.95	8.73	7.95	7.14	5.56	5.61	5.37	(3)	7.21
0900-	5.27	3.37	3.23	3.19	3.22	3.46	3.69	3.63	3.11	3.31	3.55
1000-	3.46	4.27	5.31	6.19	7.18	(1)	(1)	(1)	(1)	(1)	5.28
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 136
 (2) Fuel abnormality : 17
 (3) Invalid data : 3
 (4) Infinite : 0
 All other observations : 83

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

10.42
 5.898
 34.782
 84

9.88

 84

10.49
 5.903
 34.844
 83

EMISSIONS FOR 05264

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.09	2.84	2.33	2.12	1.86	1.75	1.55	1.57	1.33	2.05
0100-	1.35	1.23	1.31	1.19	1.17	1.20	1.26	1.43	1.64	1.98	1.38
0200-	2.36	2.91	3.36	4.05	4.34	4.16	4.33	4.52	4.23	4.15	3.84
0300-	4.20	4.50	4.73	5.74	6.32	6.96	7.54	7.50	7.64	7.96	6.31
0400-	7.86	7.53	7.53	7.21	7.65	(3)	(3)	7.00	(3)	(3)	7.46
0500-	7.03	(3)	(3)	(3)	(3)	(3)	7.71	7.64	8.04	7.77	7.64
0600-	7.58	6.98	6.83	7.25	8.03	7.92	7.69	7.76	7.97	8.07	7.61
0700-	7.46	7.11	6.92	6.49	6.53	6.51	6.41	5.97	5.49	4.63	6.35
0800-	3.58	(3)	2.47	1.97	1.81	1.49	1.50	1.58	1.56	1.47	1.94
0900-	1.42	1.41	1.33	1.32	1.33	1.15	0.98	1.09	(3)	1.02	1.23
1000-	1.12	1.19	1.21	1.31	1.41	1.59	2.05	2.26	2.79	3.05	1.80
1100-	3.97	5.42	6.10	6.20	6.23	6.66	6.92	7.43	7.81	8.46	6.52
1200-	8.79	8.77	9.08	8.20	7.51	6.88	6.83	5.83	5.60	6.61	7.41
1300-	8.12	(3)	7.77	7.05	6.93	7.00	6.82	7.09	6.92	6.05	7.09
1400-	5.58	5.05	4.00	3.15	2.29	2.42	2.92	2.95	3.13	3.36	3.49
1500-	3.22	3.35	3.45	3.32	3.65	3.68	3.49	3.54	3.61	3.35	3.47
1600-	3.57	3.63	3.58	3.26	3.01	2.84	3.28	3.37	3.73	4.34	3.46
1700-	4.54	4.66	5.54	5.57	5.64	5.60	5.98	6.05	6.25	6.83	5.66
1800-	6.66	6.67	7.45	8.02	8.27	7.05	7.84	7.72	7.37	7.79	7.48
1900-	6.79	5.02	3.78	3.90	3.77	3.36	3.76	3.41	3.28	3.82	4.09
2000-	3.96	3.43	3.51	3.68	3.42	3.44	3.50	3.58	3.79	3.73	3.60
2100-	3.72	4.15	3.92	3.95	4.16	4.68	4.99	5.04	5.11	4.90	4.46
2200-	4.53	3.95	3.57	3.33	2.82	2.79	3.03	2.87	3.19	3.45	3.35
2300-	3.26	3.24	2.76	2.51	2.42	2.31	2.10	2.03	1.94	1.91	2.45

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 12
 (4) Infinite : 0
 All other observations : 227

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.50	4.50	
Std Deviation	2.254	2.254	
Variance	5.080	5.080	
Number	227	227	

EMISSIONS FOR 05263

HOUP	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.79	6.10	6.19	6.12	5.72	5.83	5.86	6.10	6.01	6.08
0100-	5.86	5.83	5.72	5.49	5.66	5.82	5.35	5.68	5.48	5.56	5.65
0200-	5.28	5.16	5.47	6.03	5.66	5.19	5.51	6.48	6.71	6.56	5.80
0300-	5.58	6.06	6.50	6.84	6.58	6.20	5.97	6.73	7.26	7.03	6.48
0400-	6.79	6.57	6.33	6.64	6.75	6.96	7.27	7.64	7.61	7.70	7.03
0500-	6.43	6.46	6.77	7.23	7.65	7.76	7.31	6.63	7.03	7.37	7.06
0600-	7.15	6.09	6.03	6.25	6.37	6.94	6.43	6.42	6.87	6.88	6.54
0700-	5.98	6.08	6.10	5.26	5.03	5.05	4.39	4.07	3.75	3.38	4.91
0800-	2.91	(3)	2.75	2.49	2.24	2.21	2.20	2.31	2.00	2.16	2.36
0900-	2.06	2.30	2.31	2.23	2.41	2.46	2.50	2.78	3.06	3.69	2.58
1000-	4.61	5.41	6.40	7.22	7.29	7.43	6.60	5.96	6.84	7.65	6.54
1100-	7.22	7.58	8.13	7.13	6.96	5.68	6.71	6.98	7.21	7.07	7.07
1200-	6.43	6.03	5.64	6.41	6.47	5.81	5.56	5.31	5.30	5.73	5.87
1300-	5.74	5.80	6.09	6.03	6.19	6.30	5.93	4.78	5.16	4.98	5.70
1400-	4.88	4.88	4.04	4.34	4.44	4.02	3.77	3.55	3.51	3.03	4.05
1500-	2.75	2.40	2.75	3.11	3.22	3.37	3.54	3.88	4.16	4.28	3.34
1600-	4.54	5.09	5.13	5.57	5.86	6.57	7.10	7.85	8.09	7.95	6.37
1700-	6.20	6.66	5.90	6.49	5.82	5.98	5.60	4.52	4.25	3.70	5.51
1800-	3.17	3.08	2.55	2.33	2.36	2.24	2.66	3.11	3.52	3.73	2.88
1900-	4.10	4.58	4.75	5.02	5.03	4.96	5.19	4.21	3.89	3.86	4.56
2000-	3.41	3.10	2.89	2.99	2.71	2.37	2.36	2.30	2.08	2.28	2.65
2100-	2.19	2.05	2.03	1.91	1.81	1.79	1.90	2.05	2.27	2.56	2.06
2200-	2.44	2.56	2.60	2.73	2.93	3.01	3.23	3.20	3.08	3.03	2.88
2300-	2.79	2.95	2.82	3.00	3.36	3.18	3.37	3.64	3.67	3.91	3.27

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 238

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

4.89 4.90
 1.779 ---
 3.165 ---
 238 238

4.89
 1.779
 3.165
 238

EMISSIONS FOR 05262

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.71	5.89	5.75	5.44	5.18	5.09	4.99	5.05	5.38	5.39
0100-	5.12	4.89	4.63	4.07	2.97	2.39	1.61	1.16	(3)	(3)	3.36
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	5.46	6.42	7.36	7.70	7.20	7.17	6.80	6.87
0400-	7.83	7.69	7.48	7.66	7.68	7.49	7.48	7.73	7.91	7.46	7.64
0500-	7.27	7.68	7.65	7.41	7.43	7.42	7.38	7.68	6.92	6.11	7.30
0600-	5.62	4.33	3.74	3.47	2.89	2.72	2.55	2.36	1.89	1.82	3.14
0700-	1.67	1.42	1.34	1.13	1.17	1.28	1.33	1.49	1.37	1.23	1.34
0800-	2.31	(3)	3.19	3.22	3.00	1.81	2.66	(3)	(3)	8.49	3.52
0900-	(3)	(3)	(3)	5.12	8.54	(3)	4.39	5.23	6.10	7.15	6.09
1000-	7.51	8.19	9.23	9.55	9.19	8.76	8.35	8.22	7.96	8.23	8.52
1100-	7.71	7.49	7.12	7.57	7.09	7.43	7.56	6.74	6.65	7.00	7.24
1200-	7.49	7.20	7.09	7.37	6.89	7.57	7.70	7.47	7.54	7.23	7.35
1300-	7.23	7.06	7.90	8.48	8.40	8.12	8.06	7.58	7.54	12.55	8.29
1400-	7.19	4.86	3.47	2.73	2.20	1.86	1.61	1.84	1.75	1.69	2.92
1500-	1.76	1.61	1.68	1.68	1.85	1.83	2.04	2.04	2.04	2.22	1.88
1600-	2.09	2.29	2.17	2.36	(3)	2.23	2.41	2.38	2.40	2.08	2.27
1700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2.16	2.16
1800-	2.33	2.64	3.41	3.82	4.27	5.09	5.60	6.66	7.01	6.95	4.78
1900-	7.29	7.21	7.04	6.14	4.72	4.59	4.92	4.44	4.58	4.03	5.50
2000-	4.39	4.87	5.42	5.09	4.75	4.98	5.89	6.33	6.60	6.90	5.52
2100-	7.02	6.92	6.69	6.69	7.50	7.43	7.58	7.80	7.74	7.77	7.31
2200-	7.11	6.81	6.80	7.17	6.72	6.74	6.28	6.29	6.19	5.30	6.54
2300-	5.27	5.79	4.91	4.90	5.20	5.15	5.91	6.41	6.49	6.75	5.68

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 32
 (4) Infinite : 0
 All other observations : 207

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.39 5.33
 2.377 ---
 5.648 ---
 207 207

5.39
 2.377
 5.648
 207

EMISSIONS FOR 05261

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.03	5.67	4.95	4.40	3.90	3.60	3.09	2.65	2.21	4.05
0100-	2.12	1.93	1.66	1.56	1.66	1.70	1.89	2.23	2.47	2.67	1.99
0200-	3.14	3.47	4.26	4.59	4.78	5.40	5.65	5.91	6.05	6.72	5.00
0300-	7.00	7.34	7.82	7.99	7.97	8.20	8.26	8.09	8.12	8.13	7.89
0400-	7.93	7.60	7.61	7.52	6.92	6.35	5.74	5.27	4.50	3.99	6.34
0500-	3.26	2.70	2.50	2.46	2.34	2.30	2.23	2.32	2.31	2.30	2.47
0600-	2.52	2.42	2.20	2.18	2.14	2.23	2.13	2.11	2.27	2.20	2.24
0700-	2.27	2.29	2.24	2.30	2.34	2.29	2.18	2.40	2.40	2.35	2.31
0800-	2.32	(3)	2.72	2.48	2.57	2.52	2.61	2.96	3.07	3.51	2.75
0900-	4.01	4.08	4.15	4.49	4.77	4.55	4.28	4.37	4.29	4.02	4.30
1000-	3.56	2.95	2.45	(3)	2.23	2.07	2.14	2.01	2.23	2.09	2.42
1100-	2.27	2.28	2.29	2.34	2.37	2.36	2.46	2.44	2.25	2.47	2.35
1200-	2.37	2.53	2.39	2.49	2.77	2.83	2.89	3.24	3.30	3.27	2.81
1300-	3.39	3.40	3.66	3.55	3.66	3.80	3.84	3.90	4.40	4.84	3.85
1400-	5.04	4.97	5.18	5.36	5.93	5.92	5.54	6.04	5.61	5.63	5.52
1500-	5.44	5.09	5.42	5.07	5.31	4.82	4.80	4.14	4.07	3.67	4.78
1600-	3.33	2.75	2.57	2.42	2.31	2.13	2.12	2.04	1.82	1.81	2.33
1700-	1.75	1.70	1.77	1.76	(3)	(3)	1.97	2.24	2.33	2.80	2.04
1800-	2.96	3.72	4.20	4.86	5.52	6.00	5.96	6.28	6.80	6.66	5.30
1900-	6.61	6.27	6.34	6.75	7.22	6.46	5.92	5.30	4.32	4.52	5.97
2000-	6.51	6.43	6.53	7.01	6.41	5.97	5.62	5.66	5.66	5.91	6.17
2100-	6.06	6.27	6.28	6.59	6.41	6.37	6.06	5.94	5.67	5.49	6.11
2200-	4.94	4.95	4.65	4.99	4.90	5.07	5.17	5.15	5.49	5.82	5.11
2300-	6.19	6.76	6.75	6.83	6.61	6.10	5.78	5.65	5.75	5.86	6.23

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 4
 (4) Infinite : 0
 All other observations : 235

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.21 4.28
 1.847 ---
 3.410 ---
 235 235

4.21
 1.847
 3.410
 235

EMISSIONS FOR 05260

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.33	1.02	1.17
0600-	(3)	(3)	1.39	1.58	1.03	0.99	(3)	(3)	(3)	1.15	1.23
0700-	1.29	1.36	1.44	(3)	2.51	2.02	2.17	2.55	2.99	3.48	2.20
0800-	3.44	(3)	3.93	3.46	4.02	3.66	4.64	4.28	4.17	4.66	4.03
0900-	5.76	5.20	5.08	5.98	5.91	6.09	5.58	5.92	5.79	4.76	5.61
1000-	4.71	4.21	4.20	4.22	3.75	2.95	2.87	3.47	3.13	2.79	3.63
1100-	2.55	2.65	2.74	2.58	2.55	2.45	2.45	2.46	2.48	2.64	2.56
1200-	2.74	2.58	2.70	2.97	2.69	2.58	2.45	2.36	2.16	2.43	2.57
1300-	2.17	2.44	2.49	2.39	2.42	2.47	2.29	2.18	2.09	2.23	2.32
1400-	2.20	2.32	2.36	2.57	2.91	3.01	2.74	3.12	3.17	3.30	2.77
1500-	3.51	3.46	3.37	3.43	3.24	3.40	3.27	3.47	3.16	3.40	3.37
1600-	3.74	3.96	4.26	4.57	4.42	4.73	5.04	5.02	4.77	4.83	4.53
1700-	4.48	4.27	4.51	4.31	4.03	3.92	3.69	3.44	3.46	3.28	3.94
1800-	3.11	3.10	2.83	2.65	2.57	2.63	2.48	2.35	2.27	2.20	2.62
1900-	2.18	1.97	1.84	1.70	1.56	1.72	1.62	1.45	1.50	1.56	1.71
2000-	1.49	1.53	1.45	1.36	1.37	1.37	1.51	1.42	1.39	1.46	1.43
2100-	1.51	1.57	1.58	1.70	1.94	2.03	2.12	2.46	2.98	3.56	2.15
2200-	4.22	4.80	5.21	5.43	5.82	6.23	5.90	6.32	6.52	5.79	5.63
2300-	6.14	6.04	5.89	5.94	5.64	5.93	6.15	5.95	6.18	6.04	5.99

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 58
 (2) Fuel abnormality : 0
 (3) Invalid data : 7
 (4) Infinite : 0
 All other observations : 175

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

3.27 3.29
 1.471 ---
 2.163 ---
 175 175

3.27
 1.471
 2.163
 175

EMISSIONS FOR 05259

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.95	5.73	6.85	8.07	8.48	9.82	9.37	9.41	9.92	8.07
0100-	9.81	8.95	(2)	8.34	8.41	8.05	7.82	7.43	6.46	6.62	7.99
0200-	7.46	7.33	6.83	5.84	6.75	6.18	6.55	7.65	8.38	8.48	7.15
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	7.71	7.76	7.73
0400-	7.66	8.94	9.37	9.71	9.19	8.87	7.44	7.30	7.07	6.58	8.21
0500-	6.61	6.38	6.55	6.42	6.42	6.22	5.66	3.79	3.32	2.36	5.37
0600-	1.84	2.08	2.05	2.17	2.55	2.75	2.91	2.93	4.63	(3)	2.66
0700-	3.19	2.99	3.27	3.21	3.74	4.05	4.29	4.22	4.99	5.74	3.97
0800-	5.47	(3)	6.20	6.10	7.11	7.72	6.43	6.67	7.96	7.70	6.82
0900-	7.58	6.68	5.70	5.81	5.21	3.97	3.06	2.27	1.95	1.91	4.41
1000-	1.78	1.57	1.39	1.26	1.20	1.14	1.20	(3)	1.31	(2)	1.36
1100-	(2)	(2)	(2)	8.16	2.70	2.89	2.92	3.46	3.99	3.81	3.99
1200-	4.02	4.20	4.96	6.06	6.28	5.82	5.71	5.68	5.93	5.33	5.40
1300-	5.11	4.87	4.85	5.44	6.13	6.90	7.67	8.07	8.02	6.94	6.40
1400-	6.41	5.45	3.48	2.30	2.38	2.38	2.64	2.55	2.97	3.40	3.40
1500-	3.02	2.58	3.37	3.50	3.20	3.56	3.44	3.43	3.48	3.61	3.32
1600-	3.80	3.96	4.26	4.66	4.79	5.41	5.74	5.99	6.12	5.72	5.05
1700-	5.70	4.73	3.63	2.93	2.86	2.46	2.15	2.05	2.06	2.04	3.06
1800-	1.87	1.84	1.91	1.84	2.09	2.02	2.28	2.36	2.65	2.19	2.11
1900-	2.30	2.31	2.70	2.33	2.61	3.04	3.17	3.37	3.87	3.80	2.95
2000-	3.93	4.42	4.79	4.64	4.91	5.30	5.35	5.64	5.87	6.44	5.13
2100-	6.92	6.66	6.98	7.52	7.86	8.09	7.24	7.47	7.49	7.69	7.39
2200-	7.31	7.57	7.39	7.61	7.29	7.60	8.18	8.01	8.47	8.88	7.83
2300-	9.39	9.66	9.45	9.05	8.84	8.78	8.86	9.47	8.46	8.25	9.02

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 13
 (3) Invalid data : 3
 (4) Infinite : 0
 All other observations : 223

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

5.32 5.40
 2.405 ---
 5.782 ---
 223 223

5.32
 2.405
 5.782
 223

EMISSIONS FOR 05258

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	4.98	4.81	4.75	4.39	4.55	4.54	4.04	3.95	3.72	3.82	4.35
1000-	3.67	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	3.67
1100-	(2)	(2)	1.64	1.56	1.59	1.79	1.97	2.50	2.90	3.02	2.12
1200-	2.64	2.49	2.13	1.81	1.72	1.44	1.64	1.86	2.17	3.23	2.11
1300-	4.29	5.53	6.35	6.87	7.67	8.17	7.63	8.31	8.43	8.53	7.18
1400-	8.67	9.01	9.08	9.00	9.39	9.84	9.28	8.28	8.17	8.17	8.89
1500-	8.07	7.91	8.47	8.44	8.96	8.59	8.19	7.58	6.67	5.43	7.83
1600-	6.06	4.94	3.68	3.16	2.69	2.83	2.94	2.85	2.75	2.11	3.40
1700-	1.54	1.20	1.16	1.48	1.73	2.37	3.53	4.97	6.43	7.86	3.23
1800-	8.56	8.99	9.11	9.47	9.86	10.44	10.67	10.06	9.14	8.83	9.51
1900-	8.12	8.99	8.92	8.20	7.88	7.54	6.57	5.37	4.78	4.32	7.07
2000-	3.96	3.50	3.11	2.64	2.40	2.23	1.97	1.64	1.34	1.30	2.41
2100-	(3)	1.34	1.29	1.51	1.43	1.44	1.66	1.69	1.98	2.42	1.64
2200-	2.80	3.37	3.83	4.15	3.98	3.74	3.67	3.67	4.25	4.09	3.76
2300-	3.04	2.92	2.28	2.05	1.78	1.68	1.93	2.09	2.54	3.46	2.38

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 90
 (2) Fuel abnormality : 11
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 138

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.76 4.80
 2.871 ---
 8.244 ---
 138 138

4.76
 2.871
 8.244
 138

EMISSIONS FOR 05257

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 90
 (2) Fuel abnormality : 150
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

 =====
 NOx in pounds per ton of clinker produced
 =====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

 Average
 Std Deviation
 Variance
 Number

 0.00 0.00
 0.000 ---
 0.000 ---
 0 0

 0.00
 0.000
 0.000
 0

=====

EMISSIONS FOR 05256

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 239
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

0.00 0.00
 0.000 ---
 0.000 ---
 0 0

0.00
 0.000
 0.000
 0

EMISSIONS FOR 05255

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 191
 (2) Fuel abnormality : 49
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced		
ALL NON-ZERO DATA		KILN SPEED > 20 rph
Arithmetic	Weighted	Arithmetic
Average	0.00	0.00
Std Deviation	0.000	0.000
Variance	0.000	0.000
Number	0	0

EMISSIONS FOR 05254

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 108
 (2) Fuel abnormality : 132
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05253

HOUP	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1400-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1500-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 148
 (2) Fuel abnormality : 92
 (3) Invalid data : 0
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	0.000	0.000
Variance	0.000	0.000	0.000
Number	0	0	0

EMISSIONS FOR 05252

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	3.29	3.17	3.00	2.97	3.11
0900-	2.91	2.66	2.22	2.08	2.14	2.04	1.95	3.89	(3)	1.57	2.39
1000-	1.72	1.51	1.89	1.83	2.07	1.98	2.06	2.28	2.43	2.49	2.02
1100-	2.24	2.88	3.15	3.75	4.15	4.61	4.94	5.57	5.42	5.85	4.26
1200-	5.80	5.72	5.01	4.48	4.38	4.20	3.74	3.92	3.57	3.35	4.42
1300-	2.91	2.70	2.37	2.37	2.41	2.21	2.03	1.79	2.45	2.44	2.37
1400-	2.73	3.34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.03
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 184
 (2) Fuel abnormality : 0
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 55

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

3.10 3.09
 1.204 ---
 1.450 ---
 55 55

3.10
 1.204
 1.450
 55

EMISSIONS FOR 05251

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.06	2.10	2.09	2.17	2.23	2.42	2.31	2.25	2.37	2.22
0100-	2.41	2.47	2.66	2.40	2.30	2.07	2.07	2.07	1.96	1.97	2.24
0200-	2.09	1.79	1.79	1.93	1.98	2.17	2.11	2.29	2.32	2.26	2.07
0300-	2.44	2.43	2.29	2.19	2.29	2.23	2.13	1.94	2.09	1.92	2.19
0400-	1.80	1.80	1.84	1.78	1.73	1.84	1.96	1.99	2.05	2.14	1.90
0500-	2.07	2.03	2.22	2.29	2.44	2.47	2.30	2.31	2.14	2.01	2.23
0600-	1.82	1.75	2.31	2.52	2.40	2.87	2.21	(3)	3.42	3.66	2.55
0700-	3.66	3.93	4.53	5.10	5.35	5.60	6.31	6.27	5.95	6.66	5.33
0800-	7.73	(3)	7.55	8.37	7.88	8.92	8.74	8.53	8.47	8.14	8.26
0900-	7.24	6.72	6.10	5.71	4.63	3.89	3.35	2.99	2.54	2.38	4.55
1000-	2.11	1.98	2.08	2.08	1.84	1.94	1.67	1.62	1.63	1.47	1.84
1100-	1.42	1.31	1.32	1.31	1.16	1.28	1.34	1.06	(3)	1.23	1.27
1200-	1.32	1.27	1.70	1.79	2.00	2.00	1.93	2.15	1.87	1.51	1.75
1300-	1.65	1.33	1.17	1.03	(3)	(3)	1.15	1.17	1.37	1.36	1.28
1400-	1.27	1.25	1.15	1.19	(3)	(3)	(3)	(3)	(3)	(3)	1.22
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2.74	3.27	3.00
1600-	3.91	4.09	4.09	4.21	4.46	4.54	4.88	4.71	5.04	5.46	4.54
1700-	5.84	6.68	7.71	8.04	8.71	9.43	10.46	11.40	12.49	12.74	9.35
1800-	12.68	11.89	11.59	11.78	12.05	12.37	12.55	12.37	12.05	12.00	12.13
1900-	11.98	11.66	11.08	10.67	10.14	10.32	9.64	9.30	9.43	8.06	10.23
2000-	8.86	8.86	8.41	8.12	7.46	7.51	7.91	7.49	6.06	4.44	7.51
2100-	3.43	3.12	2.64	2.54	2.08	1.91	1.89	1.78	1.73	1.57	2.27
2200-	1.74	1.54	1.63	1.59	1.55	1.62	1.55	1.59	1.56	1.87	1.62
2300-	1.75	1.89	2.19	1.96	2.09	2.01	1.87	1.95	1.53	1.51	1.88

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 19
 (4) Infinite : 0
 All other observations : 220

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.03 4.10
 3.305 ---
 10.922 ---
 220 220

4.03
 3.305
 10.922
 220

EMISSIONS FOR 05250

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.29	8.57	8.23	8.39	7.90	6.74	5.62	4.96	5.46	7.13
0100-	5.66	5.38	4.47	4.10	3.42	3.49	4.38	5.19	6.43	6.27	4.88
0200-	6.13	6.01	5.92	6.15	7.01	8.48	9.17	10.35	12.05	12.09	8.34
0300-	12.60	12.32	11.24	11.10	11.23	10.61	11.11	8.54	7.04	7.07	10.29
0400-	6.19	5.48	5.00	4.53	3.96	3.45	3.36	3.05	2.81	2.72	4.05
0500-	2.90	2.96	2.91	2.91	2.75	2.63	2.71	2.89	3.01	3.30	2.90
0600-	3.60	3.77	4.39	4.55	4.93	5.19	5.17	5.34	5.50	5.96	4.84
0700-	6.21	6.48	6.91	8.03	8.52	8.71	8.99	9.10	8.34	8.09	7.94
0800-	7.61	(3)	7.78	7.83	7.44	7.07	6.72	6.95	6.79	6.45	7.18
0900-	5.70	5.23	4.45	3.89	3.24	3.12	2.98	2.81	2.67	2.63	3.67
1000-	2.39	2.28	2.36	2.54	2.61	2.57	2.46	2.45	2.40	2.38	2.44
1100-	2.28	2.12	2.10	2.22	2.15	2.07	1.97	2.07	2.07	2.07	2.11
1200-	2.06	2.12	2.16	2.06	2.11	2.13	2.25	2.94	3.45	3.63	2.49
1300-	3.99	4.80	4.97	4.90	5.36	5.53	5.89	5.87	5.73	5.97	5.30
1400-	6.07	6.15	6.51	7.26	8.19	8.33	9.11	9.10	10.13	9.35	8.02
1500-	8.32	7.47	5.76	5.50	5.36	4.81	3.96	3.13	2.73	2.64	4.97
1600-	2.33	2.20	2.25	1.94	2.07	2.10	1.93	1.81	1.92	1.64	2.02
1700-	1.51	1.38	1.58	1.63	1.60	1.48	1.61	1.56	1.60	1.97	1.59
1800-	2.57	3.23	4.50	5.69	6.70	7.50	(1)	(1)	(1)	(1)	5.03
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 55
 (2) Fuel abnormality : 0
 (3) Invalid data : 1
 (4) Infinite : 0
 All other observations : 184

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.99 5.06
 2.746 ---
 7.541 ---
 184 184

4.99
 2.746
 7.541
 184

EMISSIONS FOR 05249

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	2.14	1.97	1.66	1.67	1.72	1.60	1.44	(3)	1.21	1.67
0100-	1.26	1.44	2.29	1.72	1.94	2.17	1.75	(3)	2.18	2.65	1.94
0200-	2.66	2.66	2.94	3.10	2.87	3.10	3.19	2.85	2.94	2.94	2.92
0300-	2.76	2.68	2.73	2.46	2.38	2.33	2.18	1.85	1.76	1.72	2.29
0400-	1.73	2.25	2.50	2.39	2.51	2.73	3.84	4.48	5.15	5.51	3.31
0500-	6.24	6.63	7.59	7.09	7.17	6.90	6.59	6.81	6.84	6.60	6.84
0600-	7.56	6.37	6.53	6.81	8.43	7.97	8.24	8.77	7.88	15.03	8.36
0700-	39.09	9.75	9.78	10.72	10.29	11.29	14.49	12.62	14.73	(2)	14.75
0800-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	12.76	12.67	12.72
0900-	11.47	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	11.47
1000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1100-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1200-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	3.21	4.27	3.74
1400-	4.50	6.08	7.74	8.13	9.27	10.67	11.27	10.00	13.30	12.78	9.37
1500-	13.92	11.67	10.92	9.40	8.68	7.45	10.29	8.01	5.08	5.37	9.08
1600-	6.73	8.20	10.48	10.57	10.86	11.67	12.14	13.52	14.20	14.42	11.28
1700-	15.99	15.61	16.45	15.53	14.32	13.96	11.79	13.13	13.47	11.44	14.17
1800-	9.33	8.35	6.89	6.72	6.99	7.47	8.52	9.59	10.10	9.41	8.34
1900-	9.32	9.74	10.57	10.79	10.53	11.05	11.15	10.46	9.83	9.57	10.30
2000-	9.29	8.55	7.84	6.87	6.74	6.92	7.07	7.28	7.27	7.60	7.54
2100-	8.32	8.83	10.32	11.51	13.86	14.17	12.46	13.31	12.47	12.82	11.81
2200-	12.86	12.61	11.54	13.07	13.48	14.87	13.93	12.07	9.28	8.07	12.18
2300-	7.21	7.91	7.74	7.77	7.43	7.27	7.43	7.62	8.14	8.04	7.65

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 55
 (3) Invalid data : 3
 (4) Infinite : 0
 All other observations : 181

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

8.08 7.99
 4.692 ---
 22.019 ---
 181 181

8.08
 4.692
 22.019
 181

EMISSIONS FOR 05248

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)											AVERAGE
0000-	(1)	8.44	7.98	8.87	10.24	10.07	11.28	10.72	9.50	8.43		9.51
0100-	7.03	5.69	4.76	5.60	3.31	2.16	1.90	1.55	(3)	(3)		4.00
0200-	(3)	(3)	(3)	(3)	2.37	3.66	5.92	8.38	9.15	11.47		6.82
0300-	11.90	10.44	5.73	3.76	4.15	3.88	4.33	4.58	5.79	6.26		6.08
0400-	6.75	7.59	8.47	9.43	10.96	11.67	12.59	11.04	9.43	10.09		9.80
0500-	8.44	6.69	5.31	3.96	3.38	3.08	2.99	3.48	3.62	4.07		4.50
0600-	4.83	5.37	5.96	6.26	6.83	7.01	7.88	8.94	9.18	(3)		6.92
0700-	12.43	9.65	8.99	8.58	8.45	8.81	9.64	9.96	10.50	9.87		9.69
0800-	10.07	(3)	8.54	8.21	7.44	6.68	5.77	5.29	5.30	5.37		6.96
0900-	5.27	5.28	6.23	6.57	7.84	8.13	8.41	10.38	10.14	10.32		7.86
1000-	9.67	9.45	10.08	8.34	8.64	9.63	10.49	10.86	9.64	8.21		9.50
1100-	9.19	10.00	8.72	7.57	7.17	6.48	9.25	7.14	5.71	5.37		7.66
1200-	5.40	5.65	6.07	6.00	5.97	5.21	3.99	3.91	3.76	3.88		4.98
1300-	4.01	4.12	4.07	4.20	5.66	6.48	7.14	7.60	7.79	7.43		5.85
1400-	5.71	5.35	4.92	5.27	5.27	7.09	7.35	5.67	4.66	4.31		5.56
1500-	4.10	3.83	3.88	4.04	3.83	3.41	3.42	3.49	3.75	3.50		3.72
1600-	3.29	3.20	3.42	3.52	3.62	3.92	4.27	5.04	5.62	6.40		4.23
1700-	6.49	7.38	8.57	10.26	10.51	12.00	11.03	8.98	7.75	7.24		9.02
1800-	6.15	5.82	4.55	4.57	4.94	3.87	3.68	2.65	2.00	1.81		4.00
1900-	1.67	1.52	1.26	1.32	1.37	1.37	1.58	1.63	1.62	1.66		1.50
2000-	1.64	1.59	1.50	1.58	1.28	1.44	1.91	1.99	2.36	2.81		1.81
2100-	3.62	4.31	4.70	5.13	5.75	6.62	7.33	8.53	9.77	10.05		6.58
2200-	9.05	9.61	9.35	10.61	10.97	11.29	11.90	11.96	11.95	11.02		10.77
2300-	9.79	8.41	6.73	6.12	5.51	4.88	4.12	3.30	2.80	2.42		5.41

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 8
 (4) Infinite : 0
 All other observations : 231

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

6.36 6.40
 2.968 ---
 8.810 ---
 231 231

6.36
 2.968
 8.810
 231

EMISSIONS FOR 05247

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	1.95	1.82	2.73	3.45	3.96	4.10	4.22	4.24	3.31
0200-	4.49	4.78	5.17	6.19	7.02	7.35	7.47	8.72	9.18	13.41	7.38
0300-	13.88	11.34	11.17	10.40	9.99	12.30	11.96	11.18	10.32	9.69	11.22
0400-	7.74	7.00	6.18	5.53	5.39	5.48	5.43	5.33	5.64	5.40	5.91
0500-	5.27	4.82	4.99	5.01	5.49	6.30	6.77	7.20	7.68	7.92	6.14
0600-	8.42	8.88	9.33	9.89	9.85	10.15	10.03	9.04	9.22	9.17	9.40
0700-	40.54	(3)	5.85	6.17	5.25	4.71	4.51	3.76	3.39	4.04	8.69
0800-	4.22	(3)	4.88	5.20	5.35	5.86	6.23	6.66	6.82	6.72	5.77
0900-	6.75	6.66	6.79	6.47	4.93	4.20	3.82	3.46	2.97	2.67	4.87
1000-	2.60	2.50	2.46	2.36	2.46	2.36	2.51	2.61	2.53	2.55	2.49
1100-	2.55	2.52	2.66	2.50	2.66	2.62	2.53	2.46	2.42	2.04	2.49
1200-	2.05	2.00	2.13	2.22	2.41	2.64	2.64	2.27	2.46	3.07	2.39
1300-	3.43	3.34	3.41	2.96	3.43	3.56	3.15	3.03	2.88	2.65	3.19
1400-	2.16	1.73	1.53	1.42	1.23	1.17	(3)	(3)	1.10	1.17	1.44
1500-	1.38	1.26	1.27	1.30	1.46	1.68	2.40	2.93	3.61	4.67	2.20
1600-	5.35	6.33	7.57	8.45	7.33	7.33	7.99	7.91	8.84	9.91	7.70
1700-	10.05	8.65	8.55	8.24	8.29	8.96	7.93	8.14	6.78	6.87	8.25
1800-	6.89	6.41	6.23	6.41	6.14	5.24	4.80	3.90	2.88	2.11	5.10
1900-	1.86	1.68	1.47	1.34	1.27	1.21	1.27	1.41	1.55	1.53	1.46
2000-	2.04	2.37	3.26	4.45	5.06	5.53	5.76	6.62	7.86	8.47	5.14
2100-	8.23	8.84	9.08	8.60	8.81	8.54	9.69	9.55	9.05	9.81	9.02
2200-	10.32	10.65	10.31	9.26	10.28	9.76	9.69	9.46	8.74	9.55	9.80
2300-	9.78	10.37	9.42	7.17	9.39	10.64	11.12	9.89	9.56	8.97	9.63

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 11
 (3) Invalid data : 4
 (4) Infinite : 0
 All other observations : 224

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.83	5.83	
Std Deviation	3.893	3.893	
Variance	15.156	15.156	
Number	224	224	

EMISSIONS FOR 05246

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.36	4.96	3.72	3.10	2.69	2.73	2.73	2.43	2.51	3.36
0100-	1.97	2.39	1.84	2.29	2.36	2.44	2.46	2.56	3.04	3.11	2.45
0200-	3.33	3.45	3.62	3.81	3.46	3.89	4.19	4.28	4.02	3.66	3.77
0300-	3.69	3.28	2.80	2.53	2.07	1.81	1.64	1.25	1.22	1.10	2.14
0400-	1.10	0.90	(3)	(3)	(3)	(3)	1.26	1.81	2.81	3.09	1.83
0500-	4.63	7.31	8.71	9.24	8.67	6.56	7.74	7.61	7.12	6.72	7.43
0600-	7.64	8.22	8.84	8.07	9.11	9.12	8.69	7.98	(3)	7.59	8.36
0700-	6.78	6.95	6.49	5.91	6.16	6.33	6.34	5.68	5.40	7.03	6.31
0800-	5.92	(3)	6.00	6.74	6.96	5.97	5.74	7.01	6.15	6.14	6.29
0900-	7.48	7.84	8.20	8.46	8.28	7.76	7.94	6.64	6.05	4.65	7.33
1000-	4.58	4.61	4.74	4.65	4.02	3.90	3.88	3.24	2.76	2.71	3.91
1100-	2.70	2.54	2.31	2.48	2.76	3.32	3.65	3.88	3.78	4.36	3.18
1200-	4.72	4.69	4.09	3.45	2.26	1.67	1.36	(3)	(3)	(3)	3.18
1300-	(3)	(3)	1.82	2.15	3.09	3.82	3.94	4.05	5.14	5.57	3.70
1400-	4.86	4.60	7.53	9.04	9.06	8.55	7.77	8.53	7.86	8.18	7.60
1500-	8.44	8.82	8.02	6.67	6.13	5.37	5.14	5.08	4.82	5.09	6.36
1600-	5.68	5.32	5.00	5.19	5.69	6.87	6.97	6.83	6.85	7.26	6.17
1700-	7.31	7.88	7.78	8.31	8.76	8.55	8.57	9.33	9.30	9.34	8.51
1800-	9.23	8.63	7.63	7.49	7.22	6.47	6.87	7.22	7.05	7.01	7.48
1900-	6.54	6.03	5.36	4.34	3.69	3.27	2.57	1.98	1.70	1.47	3.70
2000-	1.20	1.48	1.75	3.18	3.73	3.94	5.53	7.16	8.78	9.80	4.65
2100-	10.93	9.31	10.02	11.60	12.83	13.45	11.47	8.56	4.61	6.28	9.91
2200-	7.51	12.14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	9.83
2300-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 18
 (3) Invalid data : 11
 (4) Infinite : 0
 All other observations : 210

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	5.49	5.49	
Std Deviation	2.649	2.649	
Variance	7.016	7.016	
Number	210	210	

EMISSIONS FOR 05245

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0100-	(2)	(2)	(2)	(2)	(3)	2.70	2.84	3.34	3.75	4.09	3.34
0200-	5.37	6.47	7.71	8.04	7.98	7.82	7.79	8.59	8.11	6.59	7.45
0300-	7.31	6.41	5.02	3.53	2.76	2.22	2.24	(3)	(3)	(3)	4.21
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1.47	(3)	(3)	1.47
0500-	2.81	4.89	6.69	(3)	(3)	(3)	5.73	6.08	5.26	5.27	5.25
0600-	5.08	4.41	3.95	2.91	2.46	1.52	(3)	1.37	(3)	(3)	3.10
0700-	1.46	2.22	2.90	3.08	3.31	3.14	2.54	2.13	1.94	1.96	2.47
0800-	2.20	(3)	3.27	3.28	2.79	3.13	3.03	3.10	3.32	3.66	3.09
0900-	4.01	4.33	4.50	4.13	3.61	3.67	3.94	4.62	5.82	6.49	4.51
1000-	7.90	9.20	9.63	10.08	9.94	10.32	10.30	11.94	12.79	12.65	10.47
1100-	12.38	12.25	12.23	11.94	11.42	11.22	10.66	10.33	10.55	10.01	11.30
1200-	10.24	10.29	10.05	9.34	9.10	9.96	9.78	9.74	9.40	8.18	9.61
1300-	8.51	8.94	9.02	9.04	8.01	7.05	5.81	(2)	3.85	2.24	6.94
1400-	1.97	1.48	1.27	1.25	1.46	1.82	2.06	2.69	2.92	3.40	2.03
1500-	3.74	4.25	4.95	4.97	4.59	4.93	4.94	4.58	4.29	3.49	4.47
1600-	2.49	2.19	2.13	1.95	2.08	1.87	1.92	2.01	2.30	2.25	2.12
1700-	2.06	1.98	1.68	1.59	1.50	1.36	1.62	1.44	1.40	1.36	1.60
1800-	1.24	1.22	1.34	1.33	1.66	2.24	2.76	3.52	3.71	3.46	2.25
1900-	3.64	3.91	3.95	4.05	4.24	4.77	4.80	5.30	5.09	4.97	4.47
2000-	4.40	3.48	3.63	3.63	3.29	3.53	3.51	3.26	2.72	2.71	3.42
2100-	2.66	2.34	1.92	1.63	1.30	1.24	2.03	2.61	2.68	3.54	2.20
2200-	4.33	4.17	5.22	5.15	5.38	5.77	6.24	6.33	7.19	7.89	5.77
2300-	9.19	9.65	10.02	9.33	9.86	8.82	8.93	8.20	6.88	6.34	8.72

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 14
 (3) Invalid data : 20
 (4) Infinite : 0
 All other observations : 205

=====

NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.00 4.96
 3.115 ---
 9.703 ---
 205 205

5.00
 3.115
 9.703
 205

EMISSIONS FOR 05244

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	11.36	11.19	11.11	9.37	8.78	9.12	8.71	8.87	9.79	9.81
0100-	9.13	9.51	10.42	10.89	10.37	9.95	9.52	9.18	9.87	10.38	9.92
0200-	9.43	8.67	8.92	9.32	9.22	9.70	9.79	9.83	9.58	9.63	9.41
0300-	10.12	9.95	10.29	10.46	10.27	10.18	9.71	9.29	9.52	9.56	9.93
0400-	9.22	8.44	7.64	6.37	5.16	4.41	3.93	3.48	3.14	2.52	5.43
0500-	2.35	2.39	2.19	1.60	(3)	(3)	1.40	1.46	1.42	1.44	1.78
0600-	1.45	1.59	1.92	2.01	1.97	1.77	1.77	1.81	1.53	1.62	1.74
0700-	1.75	1.78	1.93	1.96	1.86	2.00	1.83	1.43	1.54	1.68	1.78
0800-	1.62	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1.62
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 111
 (2) Fuel abnormality : 0
 (3) Invalid data : 51
 (4) Infinite : 0
 All other observations : 78

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.24
 3.853
 14.849
 78

6.24
 3.853
 14.849
 78

EMISSIONS FOR 05242

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	10.41	10.51	10.34	9.94	9.93	9.26	9.12	8.73	(3)	9.78
0100-	(3)	(3)	(3)	5.04	5.28	5.57	5.91	6.35	7.24	7.89	6.18
0200-	7.44	7.12	6.34	6.23	5.81	5.85	7.32	7.72	6.34	5.38	6.55
0300-	5.12	5.28	5.94	6.02	5.55	5.32	4.59	3.50	3.12	2.83	4.73
0400-	2.77	2.77	2.97	3.13	3.53	4.49	4.55	4.65	4.41	3.82	3.71
0500-	2.54	1.92	1.53	1.10	1.26	1.53	1.61	(3)	1.87	(3)	1.67
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	6.63	7.80	9.58	11.40	11.89	12.58	12.83	10.39
0800-	13.86	(3)	12.68	12.94	13.55	13.78	13.05	12.76	12.76	13.04	13.16
0900-	12.63	12.50	11.68	11.32	11.09	10.92	10.50	10.45	10.66	10.91	11.27
1000-	10.13	10.21	9.70	9.27	8.52	8.41	8.36	(3)	(3)	(3)	9.23
1100-	(3)	11.06	11.09	10.68	10.50	10.43	10.24	10.08	10.01	9.60	10.41
1200-	10.04	10.36	10.30	9.76	9.42	9.96	9.25	8.43	7.69	(3)	9.47
1300-	7.63	7.22	6.64	6.60	7.16	7.40	7.41	6.93	6.50	6.15	6.96
1400-	5.19	4.17	3.91	3.75	3.71	3.37	3.46	3.90	4.40	5.16	4.10
1500-	5.96	7.54	8.65	9.49	11.15	11.18	11.08	10.52	12.04	13.68	10.13
1600-	11.58	11.87	10.13	9.14	10.14	9.71	8.82	7.97	(3)	2.25	9.07
1700-	2.23*	2.81	(2)	(2)	(2)	2.59	5.17	99.04	(2)	23.36	22.53
1800-	10.08	29.03	(2)	34.85	10.76	12.92	10.23	11.06	12.24	13.77	16.10
1900-	14.37	13.25	13.95	15.03	15.27	13.14	13.05	14.08	13.18	13.05	13.84
2000-	9.15	6.64	5.63	5.32	6.32	7.76	8.70	8.75	10.05	11.53	7.98
2100-	11.84	10.89	12.94	11.92	8.99	8.21	11.68	7.79	6.34	5.73	9.63
2200-	5.96	6.46	6.24	6.10	5.85	(3)	6.41	4.83	4.10	3.92	5.54
2300-	4.07	3.66	3.66	4.14	3.87	3.53	3.30	3.23	3.13	2.82	3.54

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 5
 (3) Invalid data : 27
 (4) Infinite : 0
 All other observations : 206

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

8.72
 7.659
 58.664
 207

7.92

 207

8.75
 7.667
 58.779
 206

EMISSIONS FOR 05241

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 234
 (2) Fuel abnormality : 0
 (3) Invalid data : 6
 (4) Infinite : 0
 All other observations : 0

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

0.00 0.00
 0.000 ---
 0.000 ---
 0 0

0.00
 0.000
 0.000
 0

EMISSIONS FOR 05240

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.73	8.58	9.89	11.05	11.13	10.73	12.08	12.00	11.55	10.42
0100-	(3)	10.80	10.07	9.55	7.15	7.14	5.10	4.13	4.88	5.11	7.10
0200-	5.31	5.73	6.28	6.54	(3)	(3)	(3)	(3)	9.19	7.65	6.78
0300-	7.74	6.54	5.58	4.72	4.97	5.98	6.04	6.18	5.38	5.71	5.89
0400-	6.74	7.92	8.34	8.98	10.39	(3)	11.54	9.81	10.96	10.50	9.46
0500-	9.93	10.40	9.54	(3)	(3)	7.39	6.59	6.83	7.32	6.84	8.11
0600-	5.89	6.00	5.25	4.55	4.47	4.08	3.74	3.90	3.97	4.12	4.60
0700-	4.19	4.85	5.36	6.01	6.29	6.37	5.78	5.62	5.44	5.05	5.50
0800-	4.42	(3)	3.22	2.70	2.55	2.51	2.41	2.18	2.59	2.61	2.80
0900-	2.37	2.44	2.28	2.31	2.30	2.40	2.54	2.43	2.57	2.73	2.44
1000-	2.59	3.24	3.10	2.78	2.77	2.80	2.66	2.80	2.47	2.11	2.73
1100-	2.43	2.50	2.13	2.14	2.12	2.10	2.20	2.26	2.03	2.03	2.19
1200-	1.86	1.53	1.42	1.40	1.30	1.43	1.90	1.83	1.85	2.15	1.67
1300-	2.53	2.91	2.83	4.32	4.80	4.31	3.93	4.67	5.12	4.95	4.04
1400-	4.92	5.03	4.99	4.97	5.30	5.06	4.81	4.26	3.59	3.10	4.60
1500-	2.57	2.30	2.03	2.14	2.39	1.97	2.04	1.97	1.71	1.63	2.08
1600-	1.51	1.45	1.40	1.38	1.31	1.28	1.21	1.33	1.53	1.73	1.41
1700-	1.83	1.94	2.06	2.40	2.67	2.95	2.99	3.71	4.21	5.03	2.98
1800-	5.14	4.75	5.54	5.60	4.97	5.13	5.81	6.90	9.06	(2)	5.88
1900-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2000-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
2100-	(2) *	6.12	1.56	1.86	1.73	1.80	(2)	(2)	1.10	1.30	2.21
2200-	1.49	2.11	2.43	3.34	4.94	5.39	6.14	7.80	8.84	9.77	5.22
2300-	8.06	8.09	8.44	7.34	4.20	3.22	2.64	2.26	1.79	1.44	4.75

* Kiln Speed less than or equal to 20 RPH : 1
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 24
 (3) Invalid data : 9
 (4) Infinite : 0
 All other observations : 205

 NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

 Arithmetic Weighted

 Arithmetic

Average
 Std Deviation
 Variance
 Number

4.58 4.58
 2.782 ---
 7.740 ---
 206 206

4.57
 2.787
 7.766
 205

EMISSIONS FOR 05239

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5.45	5.61	6.08	5.71
1000-	6.83	5.12	6.72	5.83*14.12*10.12*	7.87*	4.69*	2.66	(2)			7.11
1100-*	1.72	(3)	(2)	(2)	(2)	(2)	(2)	(2)	*	7.31	4.52
1200-	3.63	(2)	2.27	1.83	2.50	3.93	6.01	7.75	6.56	6.55	4.56
1300-	7.09	8.10	6.97	8.17	9.06	9.62	9.66	10.49	10.62	9.08	8.89
1400-	9.26	8.86	7.18	5.18	5.35	5.07	3.59	2.47	(3)	(3)	5.87
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	6.05	(3)	5.17	6.73	5.94	4.77	4.99	5.97	6.55	7.07	5.92
1700-	7.92	8.47	10.03	10.24	10.73	10.93	10.92	11.52	11.16	11.56	10.35
1800-	11.07	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	11.07
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 7
 (1) No value taken or data not retrievable : 156
 (2) Fuel abnormality : 9
 (3) Invalid data : 14
 (4) Infinite : 0
 All other observations : 54

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NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

7.13 7.24
 2.810 ---
 7.896 ---
 61 61

7.15
 2.607
 6.795
 54

EMISSIONS FOR 05237

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	5.52	4.90	4.67	4.13	3.46	2.53	2.28	1.96	1.66	3.46
0100-	1.74	1.53	1.39	1.27	1.52	1.42	1.37	1.71	1.88	2.02	1.58
0200-	2.33	2.56	2.72	3.16	3.85	4.17	4.09	4.18	4.23	4.59	3.59
0300-	3.26	2.17	1.76	1.54	1.31	1.35	1.08	1.18	1.37	1.29	1.63
0400-	1.33	1.48	1.68	1.96	2.47	2.95	2.99	3.43	3.68	3.73	2.57
0500-	3.55	3.76	3.48	3.79	4.20	4.63	4.65	5.04	5.51	5.46	4.41
0600-	5.29	5.09	5.35	5.36	5.93	7.21	6.80	6.27	7.34	(3)	6.07
0700-	6.78	5.54	6.54	5.00	5.51	4.20	3.15	2.49	2.06	1.72	4.30
0800-	1.63	(3)	2.09	1.89	2.26	2.25	2.75	2.81	3.38	3.03	2.46
0900-	2.77	2.61	2.91	3.67	3.59	3.80	3.49	4.14	4.04	4.14	3.52
1000-	4.41	4.38	4.53	4.08	3.46	2.90	3.53	3.63	2.11	1.77	3.48
1100-	2.02	2.37	2.50	2.78	2.88	2.44	2.91	3.29	3.45	3.19	2.78
1200-	3.11	4.33	2.39	1.82	1.85	1.67	1.54	1.69	1.72	1.61	2.17
1300-	1.76	2.06	2.26	2.74	3.08	3.68	4.83	6.12	7.18	7.13	4.08
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10.80	10.80
1500-	8.81	7.18	7.13	6.73	6.48	6.84	5.65	5.50	6.25	7.74	6.83
1600-	9.22	10.46	9.13	7.95	7.33	5.80	3.82	2.89	3.15	4.09	6.38
1700-	4.66	5.50	6.39	6.78	10.28	9.55	8.59	7.24	6.07	5.41	7.05
1800-	5.12	5.60	5.75	5.55	6.19	7.03	7.07	7.61	8.78	10.56	6.93
1900-	12.43	13.12	13.64	14.23	14.30	13.24	12.89	13.16	13.43	12.72	13.32
2000-	12.48	11.86	12.24	12.60	12.74	13.43	13.13	12.70	11.89	12.18	12.53
2100-	11.51	10.91	10.99	11.10	10.08	9.68	8.48	8.89	9.05	10.35	10.11
2200-	10.68	10.96	10.38	10.90	10.35	11.43	10.82	10.58	10.06	9.96	10.61
2300-	10.52	11.04	11.99	10.56	10.43	10.28	9.51	8.81	9.19	9.65	10.20

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 11
 (4) Infinite : 0
 All other observations : 228

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.70 5.62
 3.665 ---
 13.429 ---
 228 228

5.70
 3.665
 13.429
 228

EMISSIONS FOR 05236

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.55	5.55	3.94	3.09	2.32	2.20	1.75	1.41	1.24	3.12
0100-	(3)	(3)	(3)	(3)	(3)	1.46	1.97	2.48	3.46	5.28	2.93
0200-	6.55	7.52	7.78	8.14	7.32	7.06	7.96	9.39	9.83	9.96	8.15
0300-	10.92	11.13	10.03	8.44	9.50	8.66	6.53	9.91	11.24	10.49	9.69
0400-	9.27	7.89	7.31	8.23	7.69	6.19	5.35	5.11	5.61	6.09	6.88
0500-	7.65	9.00	9.26	9.13	8.53	8.43	7.93	5.53	5.06	8.19	7.87
0600-	7.61	7.30	6.32	6.72	6.43	6.03	6.13	6.09	6.22	5.63	6.45
0700-	4.53	4.87	5.73	5.68	5.85	6.06	5.31	4.88	4.98	5.42	5.33
0800-	5.22	(3)	5.51	5.22	5.76	5.60	6.24	5.82	5.84	5.22	5.61
0900-	4.59	4.99	5.15	5.17	5.72	4.75	5.14	4.78	4.88	4.73	4.99
1000-	4.53	4.72	4.77	4.87	4.51	4.07	4.35	4.13	4.44	3.88	4.43
1100-	3.60	2.72	2.53	2.22	2.15	2.59	2.86	3.63	4.84	5.79	3.29
1200-	5.71	5.67	5.98	5.44	5.27	5.73	5.12	4.05	3.61	3.41	5.00
1300-	3.31	2.85	2.80	2.64	2.80	3.03	3.18	2.89	2.45	2.35	2.83
1400-	(3)	2.23	1.81	1.57	1.41	1.24	1.22	1.23	1.20	1.24	1.46
1500-	1.33	1.38	1.44	1.55	1.53	1.70	1.85	1.84	1.47	1.66	1.57
1600-	1.74	1.66	1.95	1.98	2.15	2.28	2.52	2.53	2.48	2.54	2.19
1700-	2.32	2.19	2.00	1.75	1.51	1.80	1.92	1.84	2.11	2.47	1.99
1800-	2.71	3.10	3.68	4.26	5.31	6.97	7.38	7.79	8.13	6.68	5.60
1900-	7.06	7.12	7.06	7.05	6.47	5.72	6.40	5.59	5.09	5.39	6.29
2000-	5.30	5.73	6.04	6.20	6.13	5.94	4.84	4.16	4.88	4.71	5.39
2100-	4.96	5.23	4.91	4.71	4.04	4.20	4.35	3.57	3.39	3.42	4.28
2200-	3.10	3.44	3.70	4.05	3.92	4.16	4.36	4.42	4.75	4.84	4.07
2300-	4.49	4.12	4.52	5.31	5.74	5.93	6.06	6.03	5.95	6.01	5.42

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 7
 (4) Infinite : 0
 All other observations : 232

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NOx in pounds per ton of clinker produced

=====

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.84 4.80
 2.303 ---
 5.303 ---
 232 232

4.84
 2.303
 5.303
 232

EMISSIONS FOR 05235

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	8.20	7.77	8.04	7.87	7.61	7.40	7.83	7.73	7.25	7.74
0100-	7.30	7.86	7.25	6.79	6.57	6.61	5.96	4.27	5.05	5.55	6.32
0200-	5.66	6.19	7.12	7.48	7.72	6.56	5.87	5.40	6.13	6.31	6.44
0300-	6.79	6.69	7.45	7.01	6.44	6.50	6.29	5.72	5.70	4.82	6.34
0400-	4.75	4.66	4.91	5.02	5.82	6.73	6.97	7.20	7.00	6.88	6.00
0500-	7.51	7.29	7.24	7.53	6.99	6.42	6.62	5.43	5.32	5.38	6.57
0600-	4.79	5.45	5.72	5.66	5.97	6.28	6.41	6.79	6.40	7.03	6.05
0700-	7.34	5.43	4.94	5.22	4.56	3.64	3.79	3.43	2.87	3.10	4.43
0800-	2.85	(3)	2.87	2.59	3.13	2.53	(3)	2.69	3.38	3.79	2.98
0900-	3.38	4.24	5.72	4.88	(3)	(3)	1.77	1.26	(3)	(3)	3.54
1000-	(3)	(3)	1.22	1.12	1.45	1.78	1.68	1.72	(3)	1.29	1.47
1100-	(3)	(3)	(3)	(3)	1.27	1.50	1.86	2.11	3.07	3.77	2.26
1200-	3.74	4.07	3.36	2.48	1.95	1.66	2.23	2.75	3.69	5.93	3.19
1300-	7.21	8.85	9.46	9.26	9.41	10.76	12.36	12.74	13.88	13.49	10.74
1400-	13.55	11.45	10.19	9.40	7.71	6.30	6.58	7.24	7.87	8.53	8.88
1500-	9.29	9.64	8.94	6.94	7.25	7.31	6.79	7.54	5.60	4.82	7.41
1600-	4.84	4.90	5.43	6.49	6.43	5.97	6.81	7.30	8.91	8.39	6.55
1700-	7.11	6.77	8.79	8.15	7.48	8.10	8.73	8.79	8.02	7.06	7.90
1800-	7.41	6.87	6.62	5.51	5.83	6.43	7.10	8.14	7.49	7.08	6.85
1900-	7.38	9.37	8.41	6.64	7.45	9.49	8.63	7.45	7.67	8.29	8.08
2000-	8.26	7.70	7.85	9.11	7.54	7.89	7.31	8.08	8.34	10.76	8.28
2100-	10.86	9.36	8.54	7.56	7.47	7.13	6.89	7.66	7.78	7.94	8.12
2200-	8.15	7.65	7.89	8.85	8.79	7.70	5.75	6.52	6.01	5.05	7.24
2300-	4.61	3.79	3.13	3.19	3.55	4.44	5.36	6.37	7.08	6.69	4.82

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 13
 (4) Infinite : 0
 All other observations : 226

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

6.37 6.38
 2.396 ---
 5.740 ---
 226 226

6.37
 2.396
 5.740
 226

EMISSIONS FOR 05234

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	3.19	3.35	3.81	(3)	15.92	3.74	4.15	5.30	4.74	5.53
1200-	3.64	3.51	2.52	2.22	1.77	1.67	1.43	1.54	1.76	1.81	2.19
1300-	1.61	1.77	2.01	3.13	3.28	2.51	2.62	1.97	1.61	1.45	2.20
1400-	1.53	1.64	1.78	1.96	2.02	2.32	2.52	2.68	2.76	2.58	2.18
1500-	1.95	1.59	1.37	1.30	1.45	1.58	1.96	2.37	3.17	3.30	2.00
1600-	2.68	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2.68
1700-	1.77	(3)	(3)	(3)	(3)	(3)	5.68	4.83	4.06	3.44	3.96
1800-	3.19	2.99	3.33	4.11	4.74	(3)	(3)	5.61	5.59	6.07	4.45
1900-	6.45	7.34	6.71	5.99	5.32	5.32	4.24	4.43	5.03	5.30	5.61
2000-	5.21	5.06	5.33	5.45	5.77	(3)	(3)	(3)	(3)	(3)	5.36
2100-	(3)	(3)	(3)	8.63	8.08	6.13	5.50	(3)	(3)	(3)	7.09
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	8.46	(3)	12.95	9.33	(3)	8.61	9.84

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 27
 (2) Fuel abnormality : 0
 (3) Invalid data : 128
 (4) Infinite : 0
 All other observations : 85

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

3.98 3.92
 2.586 ---
 6.689 ---
 85 85

3.98
 2.586
 6.689
 85

EMISSIONS FOR 05233

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 103
 (2) Fuel abnormality : 0
 (3) Invalid data : 137
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	0.00
Std Deviation	0.000	---	0.000
Variance	0.000	---	0.000
Number	0	0	0

EMISSIONS FOR 05232

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3) *	1.86*	2.48*	1.90*	1.54*	1.38*	1.60*	1.92*	2.11	1.85
0100-	2.13	1.91	3.07	4.00	4.27	4.56	4.45	4.34	5.17	5.30	3.92
0200-	5.48	5.75	5.48	5.40	5.36	5.17	5.42	5.73	5.91	5.23	5.49
0300-	5.25	4.80	5.53	4.15	(3)	(3)	(3)	(3)	(3)	(3)	4.93
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(1)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 8
 (1) No value taken or data not retrievable : 3
 (2) Fuel abnormality : 0
 (3) Invalid data : 205
 (4) Infinite : 0
 All other observations : 24

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

4.02 4.07
 1.583 ---
 2.506 ---
 32 32

4.74
 1.075
 1.157
 24

EMISSIONS FOR 05231

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(2)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(1)	(1)	(1)
0400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1400-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1500-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1600-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 204
 (2) Fuel abnormality : 1
 (3) Invalid data : 35
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

0.00 0.00
 0.000 ---
 0.000 ---
 0 0

0.00
 0.000
 0.000
 0

EMISSIONS FOR 05230

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1800-	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
1900-	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(1)
2000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 11
 (3) Invalid data : 228
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	0.00	0.00	
Std Deviation	0.000	0.000	
Variance	0.000	0.000	
Number	0	0	

EMISSIONS FOR 05229

HOURL	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(2)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 1
 (3) Invalid data : 238
 (4) Infinite : 0
 All other observations : 0

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
Std Deviation
Variance
Number

0.00 0.00
0.000 ---
0.000 ---
0 0

0.00
0.000
0.000
0

EMISSIONS FOR 05228

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.77	4.97	5.04	4.94	5.34	5.32	4.88	4.97	4.49	4.97
0100-	4.77	4.62	4.76	5.01	5.40	5.67	5.28	4.75	5.60	4.91	5.08
0200-	5.16	5.53	6.07	6.47	6.59	6.75	6.85	6.95	6.14	5.68	6.22
0300-	5.02	5.19	5.61	5.67	5.37	5.24	5.35	6.29	5.53	4.51	5.38
0400-	4.18	4.26	4.16	4.62	4.66	4.54	4.98	5.21	4.20	4.29	4.51
0500-	3.87	3.90	3.92	3.96	(3)	(3)	(3)	(3)	(3)	(3)	3.91
0600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1500-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1600-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1700-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1800-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1900-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2200-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
2300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 186
 (4) Infinite : 0
 All other observations : 53

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.14 5.14
 0.770 ---
 0.592 ---
 53 53

5.14
 0.770
 0.592
 53

EMISSIONS FOR 05227

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	3.50	2.79	2.55	2.72	2.56	2.40	2.29	2.34	2.27	2.60
0100-	2.38	2.42	2.46	2.40	2.45	2.49	2.47	2.42	2.48	2.53	2.45
0200-	2.27	2.58	2.50	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2.45
0300-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0400-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
0500-	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)	(1)
0600-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)
0700-	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.87	2.43	2.57	2.62
0800-	2.76	(3)	4.90	5.36	(3)	6.45	5.98	7.15	9.63	11.29	6.69
0900-	12.69	13.57	14.99	14.97	18.83	(3)	(3)	(3)	(3)	(3)	15.01
1000-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1100-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
1200-	(3)	(3)	(3)	(3)	(3)	15.32	15.76	16.58	14.22	11.91	14.76
1300-	11.80	14.70	14.24	15.17	12.66	12.46	14.15	14.06	13.88	13.51	13.66
1400-	13.26	13.86	12.79	12.85	13.41	9.46	9.51	13.86	12.44	13.18	12.46
1500-	13.53	13.25	12.90	11.69	6.43	4.32	3.61	3.10	2.60	2.52	7.40
1600-	2.50	2.26	2.26	2.09	2.10	2.15	2.20	2.25	2.43	2.42	2.27
1700-	2.52	2.56	2.56	2.73	2.83	2.87	2.62	2.48	2.41	2.44	2.60
1800-	2.30	2.30	2.27	2.50	2.57	2.57	2.61	2.88	2.98	3.14	2.61
1900-	2.92	3.07	3.03	3.55	3.83	3.89	4.00	3.93	3.97	4.04	3.62
2000-	4.34	4.41	4.27	4.31	4.20	4.15	3.81	3.76	3.54	3.39	4.02
2100-	3.02	2.74	2.74	2.71	2.78	2.99	3.30	3.35	3.55	3.99	3.12
2200-	4.14	4.06	4.34	4.57	4.20	4.52	4.49	4.55	4.54	5.12	4.45
2300-	4.54	4.58	4.50	4.50	4.53	4.35	4.67	4.51	4.61	4.86	4.56

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 22
 (3) Invalid data : 64
 (4) Infinite : 0
 All other observations : 153

NOx in pounds per ton of clinker produced

ALL NON-ZERO DATA

KILN SPEED > 20 rph

Arithmetic Weighted

Arithmetic

Average
 Std Deviation
 Variance
 Number

5.71 5.64
 4.471 ---
 19.991 ---
 153 153

5.71
 4.471
 19.991
 153

EMISSIONS FOR 05226

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.73	7.45	8.29	6.30	5.71	6.94	6.37	6.33	6.89	6.83
0100-	6.48	5.41	5.48	6.09	5.26	5.60	5.66	5.21	5.08	4.94	5.52
0200-	4.61	4.74	4.67	5.01	5.56	4.76	4.80	4.89	4.58	5.01	4.86
0300-	4.54	4.38	4.09	3.88	4.40	4.26	3.86	4.39	4.29	4.25	4.23
0400-	4.60	4.15	4.12	3.95	3.96	4.28	3.96	3.90	4.13	3.93	4.10
0500-	4.19	4.28	4.56	4.53	4.31	4.49	5.01	4.74	4.91	4.86	4.59
0600-	4.57	4.72	4.27	3.59	4.65	4.83	3.95	3.78	3.17	3.45	4.10
0700-	3.69	3.79	1.75	2.42	7.93	4.73	(3)	(3)	(3)	8.60	4.70
0800-	10.76	(3)	(3)	(3)	11.10	(3)	5.97	6.02	6.98	6.83	7.95
0900-	7.61	7.29	6.98	8.46	7.72	8.04	7.54	7.39	7.37	7.17	7.56
1000-	7.55	7.62	9.44	7.51	7.86	7.70	9.64	7.54	8.63	8.08	8.16
1100-	8.15	9.21	8.53	9.03	9.03	10.42	9.37	9.08	10.14	10.29	9.32
1200-	10.76	11.43	10.54	10.80	12.12	12.56	13.69	14.08	14.65	15.11	12.57
1300-	14.67	14.28	13.14	13.45	14.19	13.87	13.09	12.92	11.91	12.84	13.44
1400-	12.14	12.91	12.84	11.21	13.29	11.94	11.82	12.01	10.68	10.88	11.97
1500-	11.78	10.61	11.37	11.57	8.93	9.59	9.65	9.64	10.16	10.21	10.35
1600-	9.80	10.72	11.28	11.51	12.23	11.77	11.82	12.46	11.64	11.87	11.51
1700-	12.43	11.15	11.56	11.57	10.23	10.43	9.39	8.17	8.78	8.44	10.22
1800-	7.15	7.04	6.00	5.62	5.27	5.33	4.93	4.35	4.00	4.32	5.40
1900-	3.89	4.15	4.10	4.08	4.19	4.13	4.27	3.95	4.00	3.55	4.03
2000-	3.60	3.43	3.26	3.35	(1)	(1)	(1)	(1)	(1)	(1)	3.41
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 37
 (2) Fuel abnormality : 0
 (3) Invalid data : 7
 (4) Infinite : 0
 All other observations : 196

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	7.53	7.53	
Std Deviation	3.331	3.331	
Variance	11.093	11.093	
Number	196	196	

EMISSIONS FOR 05225

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	6.16	6.74	7.34	6.71	6.09	6.46	7.69	7.20	6.58	6.77
0100-	6.95	8.44	7.46	5.92	7.41	7.82	6.00	5.72	5.96	4.83	6.65
0200-	4.24	4.05	4.03	(2)	2.52	2.48	1.95	1.66	1.84	2.09	2.76
0300-	2.06	2.23	2.48	2.77	3.21	3.71	3.99	4.27	4.30	4.54	3.36
0400-	4.59	4.17	4.50	4.76	4.79	4.92	5.16	6.46	6.12	5.63	5.11
0500-	5.90	6.51	6.40	6.23	7.17	7.06	6.56	5.39	5.26	7.55	6.40
0600-	8.36	10.17	9.49	9.24	10.70	12.16	12.29	10.49	9.81	11.79	10.45
0700-	11.04	9.52	11.18	11.33	9.61	10.17	10.68	7.68	(3)	(3)	10.15
0800-	9.06	(3)	7.08	8.06	6.72	6.41	7.73	7.40	6.48	7.61	7.39
0900-	7.36	7.08	8.25	6.97	7.44	8.71	7.51	7.54	7.64	8.01	7.65
1000-	8.48	7.86	7.19	8.02	7.41	6.61	7.77	8.08	6.37	6.58	7.44
1100-	7.07	5.85	6.31	7.13	5.79	5.78	6.85	5.79	5.32	6.09	6.20
1200-	5.06	5.13	5.17	4.79	4.47	4.54	4.79	4.98	4.36	4.45	4.77
1300-	4.96	4.82	4.66	5.17	6.31	6.33	5.40	5.32	5.56	5.42	5.39
1400-	4.89	5.26	5.09	5.19	4.35	4.99	5.95	4.66	6.26	6.10	5.27
1500-	6.48	6.40	7.00	6.27	6.45	(3)	6.64	7.03	4.93	6.44	6.40
1600-	7.87	6.78	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.32
1700-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1800-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1900-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2000-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2100-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2200-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2300-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 79
 (2) Fuel abnormality : 1
 (3) Invalid data : 4
 (4) Infinite : 0
 All other observations : 156

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	6.36	6.36	
Std Deviation	2.105	2.105	
Variance	4.430	4.430	
Number	156	156	

EMISSIONS FOR 05224

HOUR	6 minute AVERAGE for NOx (lbs/TON of CLINKER)										AVERAGE
0000-	(1)	4.43	4.98	4.85	5.22	5.43	4.69	4.99	4.81	4.62	
0100-	4.48	4.01	3.99	3.79	3.40	3.61	3.33	3.00	3.22	3.00	4.89
0200-	3.02	3.28	3.05	3.02	3.52	3.44	3.38	3.47	3.73	3.39	3.58
0300-	3.36	3.21	2.83	2.65	2.61	2.45	2.36	2.38	2.26	1.82	3.33
0400-	1.85	1.89	1.63	1.85	1.99	2.00	2.15	2.16	2.10	2.38	2.59
0500-	2.76	2.76	3.00	3.20	3.63	3.76	4.02	4.29	4.19	3.65	2.00
0600-	4.33	4.56	4.80	4.99	4.60	(3)	6.20	4.04	4.25	3.69	3.53
0700-	3.67	3.59	2.98	2.99	2.50	2.36	2.29	1.99	2.00	1.82	4.61
0800-	1.99	(3)	1.90	(3)	2.25	2.57	3.22	3.82	3.73	4.10	2.62
0900-	3.93	4.28	4.49	4.51	4.88	4.40	4.04	4.16	3.83	3.54	2.95
1000-	3.12	4.81	2.92	2.51	2.91	2.34	2.00	1.91	1.91	1.73	4.21
1100-	1.65	1.87	2.07	2.00	3.83	5.05	5.50	5.24	5.74	6.17	2.62
1200-	6.14	5.84	6.84	7.24	6.32	6.66	7.34	7.04	7.45	7.44	3.91
1300-	6.33	7.38	7.87	6.90	7.50	7.29	6.95	7.46	6.36	6.60	6.83
1400-	6.83	6.96	6.89	6.24	6.50	6.75	6.30	6.25	6.15	3.94	7.06
1500-	6.26	5.91	6.53	5.81	6.07	6.33	5.67	5.95	5.48	5.59	6.28
1600-	5.85	6.30	6.74	6.82	7.04	6.83	7.28	6.14	6.38	7.70	5.96
1700-	6.82	6.51	6.44	6.53	6.47	5.77	5.62	6.58	6.33	5.90	6.71
1800-	6.81	6.32	5.73	6.90	6.81	6.63	7.39	7.16	7.03	7.35	6.30
1900-	8.03	8.50	8.66	8.67	8.37	7.64	7.85	7.69	7.75	8.08	6.81
2000-	6.79	6.33	6.38	6.68	5.50	5.08	5.22	5.71	5.42	5.86	8.12
2100-	5.53	5.53	5.59	5.70	5.73	5.15	4.70	4.61	4.60	4.92	5.90
2200-	5.33	4.23	4.11	3.93	4.18	4.82	3.91	3.86	4.09	4.37	5.20
2300-	4.69	5.73	5.27	4.91	5.73	6.27	6.56	5.55	5.41	5.73	4.28
											5.58

* Kiln Speed less than or equal to 20 RPH : 0
 (1) No value taken or data not retrievable : 1
 (2) Fuel abnormality : 0
 (3) Invalid data : 3
 (4) Infinite : 0
 All other observations : 236

NOx in pounds per ton of clinker produced			
ALL NON-ZERO DATA		KILN SPEED > 20 rph	
Arithmetic	Weighted	Arithmetic	
Average	4.85	4.85	
Std Deviation	1.806	1.806	
Variance	3.261	3.261	
Number	236	236	