

CONFORMANCE REPORT - CRITERION 3

08 March 2008

Sutton Coldfield CEM1

CRITERION 3 Parameters

2 x Tests \geq fck -1.0 5 x Tests \geq fck +2.5
 3 x Tests \geq fck +1.0 6 x Tests \geq fck +3.0
 4 x Tests \geq fck +2.0

Test Ref	Date Cast	Mix description	* GRADE (fck) MPa	BatchBook ref	Air %	Slump req	Slump actual	Control CC	Actual CC	* Act 28 result (fci) MPa	Avg 28 Days MPa	Criterion 3 Pass / Fail?
4	20-Jan-05	RC35	35.0	2PCPL	0.0	80	130	295	315	46.5		
9	02-Feb-05	C28/35	35.0	2PCPL	0.0	100	100	295	325	53.5		
10	02-Feb-05	C28/35	35.0	2PCPL	0.0	100	120	295	325	50.0		
12	09-Feb-05	C28/35	35.0	2PC	0.0	100	90	280	340	58.0		
14	09-Feb-05	C28/35	35.0	2PC	0.0	100	130	280	340	47.5		
15	10-Feb-05	C28/35	35.0	2PCPL	0.0	100	90	290	325	54.0		
16	10-Feb-05	C28/35	35.0	2PCPL	0.0	100	110	290	325	45.5		
33	11-Mar-05	C28/35	35.0	2PCPL	0.0	100	90	275	325	53.0		
34	11-Mar-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	47.0		
35	15-Mar-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	53.5		
36	15-Mar-05	C28/35	35.0	2PCPL	0.0	100	110	290	325	54.0		
38	18-Mar-05	C28/35	35.0	2PCPL	0.0	100	110	290	325	46.5		
39	18-Mar-05	C28/35	35.0	2PCPL	0.0	100	90	290	325	53.5		
40	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	90	295	325	56.5		
41	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	110	295	325	51.0		
42	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	100	295	325	48.0		
43	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	130	295	325	47.0		
46	01-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	52.0		
47	01-Apr-05	C28/35	35.0	2PCPL	0.0	100	100	275	325	58.0		
48	05-Apr-05	C28/35	35.0	2PCPL	0.0	100	110	275	325	61.5		
49	05-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	49.5		
50	14-Apr-05	C28/35	35.0	2PCPL	0.0	100	140	275	325	53.5		
51	14-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	51.0		
52	14-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	53.5		
53	18-Apr-05	C28/35	35.0	2PC	0.0	70	70	275	340	58.0		
54	18-Apr-05	C28/35	35.0	2PC	0.0	70	100	275	340	51.5		

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Test Ref	Date Cast	Mix description	* GRADE (fck) MPa	BatchBook ref	Air %	Slump req	Slump actual	Control CC	Actual CC	* Act 28 result (fci) MPa	Avg 28 Days MPa	Criterion 3 Pass / Fail?
55	20-Apr-05	C28/35	35.0	2PCAE	5.0	50	50	275	340	52.5		
56	20-Apr-05	C28/35	35.0	2PCAE	4.4	50	70	265	340	52.5		
58	03-Jun-05	C28/35	35.0	2PCPL	0.0	100	100	265	325	49.0		
59	03-Jun-05	C28/35	35.0	2PCPL	0.0	100	130	265	325	51.0		
60	09-Jun-05	C28/35	35.0	2PC	0.0	100	140	265	340	47.5		
61	09-Jun-05	C28/35	35.0	2PC	0.0	100	100	265	340	53.0		
62	14-Jun-05	RC35	35.0	2PC	0.0	80	90	275	330	46.0		
63	22-Jun-05	C28/35	35.0	2PCPL	0.0	70	70	275	315	48.0		
64	22-Jun-05	C28/35	35.0	2PCPL	0.0	70	110	275	315	44.5		
65	29-Jun-05	C28/35	35.0	2PCPL	0.0	70	90	295	315	46.5		
66	01-Jul-05	RC35	35.0	2PC	0.0	80	100	295	330	50.0		
67	01-Jul-05	RC35	35.0	2PC	0.0	80	80	295	330	52.5		
68	05-Jul-05	C28/35	35.0	2PCPL	0.0	70	100	295	315	49.0		
69	05-Jul-05	C28/35	35.0	2PCPL	0.0	70	80	295	315	49.0		
70	08-Jul-05	C28/35	35.0	2PCPL	0.0	120	110	295	330	47.5		
71	11-Jul-05	RC35	35.0	2PC	0.0	80	100	295	330	47.5		
72	11-Jul-05	RC35	35.0	2PC	0.0	80	110	295	330	47.0		
73	11-Jul-05	C28/35	35.0	2PCPL	0.0	70	90	295	315	47.5		
74	13-Jul-05	C28/35	35.0	2PCPL	0.0	70	90	295	315	51.0		
75	15-Jul-05	C28/35	35.0	2PCPL	0.0	70	110	285	315	49.0		
76	25-Jul-05	C28/35	35.0	2PCPL	0.0	70	110	285	305	52.0		
77	25-Jul-05	C28/35	35.0	2PCPL	0.0	70	80	285	350	60.0		
78	26-Jul-05	C28/35	35.0	2PCPL	0.0	70	90	285	305	52.0		
80	29-Jul-05	C28/35	35.0	2PC	0.0	70	70	285	290	42.0		

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Test Ref	Date Cast	Mix description	* GRADE (fck) MPa	BatchBook ref	Air %	Slump req	Slump actual	Control CC	Actual CC	* Act 28 result (fci) MPa	Avg 28 Days MPa	Criterion 3 Pass / Fail?	
Total grp count: 50 Grade MPa: 35.0											50.8	fck= 15.8	Passed
1	06-Jan-05	C32/40	40.0	2PCPL	3.0	100	90	295	375	59.0			
2	06-Jan-05	C32/40	40.0	2PCPL	0.0	100	110	295	375	55.0			
3	12-Jan-05	C32/40	40.0	2PCPL	0.0	100	140	295	375	58.0			
5	21-Jan-05	C32/40	40.0	2PCPL	0.0	100	120	295	375	57.5			
6	21-Jan-05	C32/40	40.0	2PCPL	0.0	100	100	295	375	62.0			
7	28-Jan-05	C32/40	40.0	2PCPL	0.0	100	100	295	375	62.5			
8	28-Jan-05	C32/40	40.0	2PCPL	0.0	100	130	295	375	64.0			
11	09-Feb-05	C32/40	40.0	2PCPL	0.0	80	100	295	340	50.0			
13	09-Feb-05	C32/40	40.0	2PCPL	0.0	80	130	280	340	50.5			
17	15-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	290	340	54.5			
18	15-Feb-05	C32/40	40.0	2PCPL	0.0	80	120	290	340	49.5			
21	18-Feb-05	C32/40	40.0	2PCPL	0.0	80	110	290	340	53.0			
22	18-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	290	340	53.5			
25	22-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	290	340	57.5			
26	22-Feb-05	C32/40	40.0	2PCPL	0.0	80	120	290	340	50.0			
27	23-Feb-05	C32/40	40.0	2PCPL	0.0	80	110	290	340	46.5			
28	23-Feb-05	C32/40	40.0	2PCPL	0.0	80	120	305	340	47.5			
29	28-Feb-05	C32/40	40.0	2PCPL	0.0	80	110	305	340	52.5			
30	28-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	305	340	57.5			
31	03-Mar-05	C32/40	40.0	2PCPL	0.0	80	80	305	340	54.0			
32	03-Mar-05	C32/40	40.0	2PCPL	0.0	80	110	305	340	55.0			
57	04-May-05	C32/40	40.0	2PC	0.0	100	120	265	360	50.5			
79	28-Jul-05	C40	40.0	2PCPL	0.0	70	70	285	290	44.0			

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Test Ref	Date Cast	Mix description	* GRADE (fck) MPA	BatchBook ref	Air %	Slump req	Slump actual	Control CC	Actual CC	* Act 28 result (fci) MPA	Avg 28 Days MPA	Criterion 3 Pass / Fail?	
Total grp count: 23 Grade MPA: 40.0											54.1	fck= 14.1	Passed
19	16-Feb-05	C35/45	45.0	2PC	0.0	100	90	290	380	57.0			
20	16-Feb-05	C35/45	45.0	2PCPL	0.0	100	110	290	380	56.0			
23	18-Feb-05	C35/45	45.0	2PC	0.0	100	120	290	380	55.0			
24	18-Feb-05	C35/45	45.0	2PC	0.0	100	130	290	380	54.5			
37	15-Mar-05	C35/45	45.0	2PC	0.0	100	120	290	380	55.5			
44	31-Mar-05	C35/45	45.0	2PC	0.0	100	100	275	340	51.5			
45	31-Mar-05	C35/45	45.0	2PC	0.0	100	120	275	340	48.5			
Total grp count: 7 Grade MPA: 45.0											54.0	fck= 9.0	Passed

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