

CONTINUOUS CONFORMITY REPORT

08 March 2008

Target mean Strength (TMS) : 41.5

Sutton Coldfield CEM1

Ln	Test Ref	Date Cast	Mix description	GRADE fck MPa	BatchBook ref	Air %	Slump req	Slump actual	Control CC	Actual CC	Act 7 Day	Act 28 Day	Adj 28 Result	Criterion 2 Grade fck -4
1	1	06-Jan-05	C32/40	40.0	2PCPL	3.0	100	90	295	375	49.0	59.0	44.0	~
2	2	06-Jan-05	C32/40	40.0	2PCPL	0.0	100	110	295	375	43.0	55.0	40.0	~
3	3	12-Jan-05	C32/40	40.0	2PCPL	0.0	100	140	295	375	41.5	58.0	43.0	~
4	4	20-Jan-05	RC35	35.0	2PCPL	0.0	80	130	295	315	35.5	46.5	41.5	~
5	5	21-Jan-05	C32/40	40.0	2PCPL	0.0	100	120	295	375	45.5	57.5	42.5	~
6	6	21-Jan-05	C32/40	40.0	2PCPL	0.0	100	100	295	375	51.5	62.0	47.0	~
7	7	28-Jan-05	C32/40	40.0	2PCPL	0.0	100	100	295	375	53.0	62.5	47.5	~
8	8	28-Jan-05	C32/40	40.0	2PCPL	0.0	100	130	295	375	49.0	64.0	49.0	~
9	9	02-Feb-05	C28/35	35.0	2PCPL	0.0	100	100	295	325	37.0	53.5	48.0	~
10	10	02-Feb-05	C28/35	35.0	2PCPL	0.0	100	120	295	325	37.0	50.0	44.5	~
11	11	09-Feb-05	C32/40	40.0	2PCPL	0.0	80	100	295	340	42.0	50.0	40.0	~
12	12	09-Feb-05	C28/35	35.0	2PC	0.0	100	90	280	340	47.0	58.0	48.0	~
13	13	09-Feb-05	C32/40	40.0	2PCPL	0.0	80	130	280	340	43.0	50.5	37.0	~
14	14	09-Feb-05	C28/35	35.0	2PC	0.0	100	130	280	340	39.0	47.5	37.5	~
15	15	10-Feb-05	C28/35	35.0	2PCPL	0.0	100	90	290	325	41.0	54.0	47.0	~
16	16	10-Feb-05	C28/35	35.0	2PCPL	0.0	100	110	290	325	33.0	45.5	38.5	~
17	17	15-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	290	340	41.5	54.5	43.0	~
18	18	15-Feb-05	C32/40	40.0	2PCPL	0.0	80	120	290	340	40.5	49.5	38.0	~
19	19	16-Feb-05	C35/45	45.0	2PC	0.0	100	90	290	380	45.5	57.0	41.5	~
20	20	16-Feb-05	C35/45	45.0	2PCPL	0.0	100	110	290	380	40.0	56.0	39.0	~
21	21	18-Feb-05	C32/40	40.0	2PCPL	0.0	80	110	290	340	43.0	53.0	41.5	~
22	22	18-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	290	340	40.0	53.5	42.0	~
23	23	18-Feb-05	C35/45	45.0	2PC	0.0	100	120	290	380	42.0	55.0	39.5	~
24	24	18-Feb-05	C35/45	45.0	2PC	0.0	100	130	290	380	39.0	54.5	39.0	~
25	25	22-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	290	340	45.0	57.5	46.0	~
26	26	22-Feb-05	C32/40	40.0	2PCPL	0.0	80	120	290	340	38.5	50.0	38.5	~
27	27	23-Feb-05	C32/40	40.0	2PCPL	0.0	80	110	290	340	41.0	46.5	35.0	~
28	28	23-Feb-05	C32/40	40.0	2PCPL	0.0	80	120	305	340	38.0	47.5	39.5	~
29	29	28-Feb-05	C32/40	40.0	2PCPL	0.0	80	110	305	340	35.5	52.5	44.5	~
30	30	28-Feb-05	C32/40	40.0	2PCPL	0.0	80	90	305	340	35.0	57.5	49.5	~
31	31	03-Mar-05	C32/40	40.0	2PCPL	0.0	80	80	305	340	42.0	54.0	46.0	~
32	32	03-Mar-05	C32/40	40.0	2PCPL	0.0	80	110	305	340	38.0	55.0	47.0	~
33	33	11-Mar-05	C28/35	35.0	2PCPL	0.0	100	90	275	325	36.0	53.0	43.0	~
34	34	11-Mar-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	34.0	47.0	37.0	~
35	35	15-Mar-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	39.0	53.5	43.5	~

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36	36	15-Mar-05	C28/35	35.0	2PCPL	0.0	100	110	290	325	42.0	54.0	47.0	~
37	37	15-Mar-05	C35/45	45.0	2PC	0.0	100	120	290	380	43.5	55.5	40.0	~
38	38	18-Mar-05	C28/35	35.0	2PCPL	0.0	100	110	290	325	39.5	46.5	39.5	~
39	39	18-Mar-05	C28/35	35.0	2PCPL	0.0	100	90	290	325	45.5	53.5	46.5	~
40	40	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	90	295	325	46.0	56.5	51.0	~
41	41	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	110	295	325	39.0	51.0	45.5	~
42	42	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	100	295	325	30.0	48.0	42.5	~
43	43	22-Mar-05	C28/35	35.0	2PCPL	0.0	100	130	295	325	32.5	47.0	41.5	~
44	44	31-Mar-05	C35/45	45.0	2PC	0.0	100	100	275	340	39.0	51.5	40.5	~
45	45	31-Mar-05	C35/45	45.0	2PC	0.0	100	120	275	340	36.5	48.5	37.5	~
46	46	01-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	36.5	52.0	42.0	~
47	47	01-Apr-05	C28/35	35.0	2PCPL	0.0	100	100	275	325	40.0	58.0	48.0	~
48	48	05-Apr-05	C28/35	35.0	2PCPL	0.0	100	110	275	325	50.0	61.5	51.5	~
49	49	05-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	38.5	49.5	39.5	~
50	50	14-Apr-05	C28/35	35.0	2PCPL	0.0	100	140	275	325	42.0	53.5	43.5	~
51	51	14-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	41.0	51.0	41.0	~
52	52	14-Apr-05	C28/35	35.0	2PCPL	0.0	100	130	275	325	43.0	53.5	43.5	~
53	53	18-Apr-05	C28/35	35.0	2PC	0.0	70	70	275	340	46.5	58.0	44.5	~
54	54	18-Apr-05	C28/35	35.0	2PC	0.0	70	100	275	340	38.0	51.5	38.0	~
55	55	20-Apr-05	C28/35	35.0	2PCAE	5.0	50	50	275	340	47.0	52.5	50.5	~
56	56	20-Apr-05	C28/35	35.0	2PCAE	4.4	50	70	265	340	38.5	52.5	48.0	~
57	57	04-May-05	C32/40	40.0	2PC	0.0	100	120	265	360	42.0	50.5	33.5	~
58	58	03-Jun-05	C28/35	35.0	2PCPL	0.0	100	100	265	325	41.0	49.0	37.0	~
59	59	03-Jun-05	C28/35	35.0	2PCPL	0.0	100	130	265	325	37.0	51.0	39.0	~
60	60	09-Jun-05	C28/35	35.0	2PC	0.0	100	140	265	340	36.5	47.5	34.0	~
61	61	09-Jun-05	C28/35	35.0	2PC	0.0	100	100	265	340	39.5	53.0	39.5	~
62	62	14-Jun-05	RC35	35.0	2PC	0.0	80	90	275	330	39.0	46.0	35.5	~
63	63	22-Jun-05	C28/35	35.0	2PCPL	0.0	70	70	275	315	40.5	48.0	37.5	~
64	64	22-Jun-05	C28/35	35.0	2PCPL	0.0	70	110	275	315	35.0	44.5	34.0	~
65	65	29-Jun-05	C28/35	35.0	2PCPL	0.0	70	90	295	315	36.5	46.5	40.5	~
66	66	01-Jul-05	RC35	35.0	2PC	0.0	80	100	295	330	40.5	50.0	43.5	~
67	67	01-Jul-05	RC35	35.0	2PC	0.0	80	80	295	330	41.0	52.5	46.0	~
68	68	05-Jul-05	C28/35	35.0	2PCPL	0.0	70	100	295	315	39.0	49.0	43.0	~
69	69	05-Jul-05	C28/35	35.0	2PCPL	0.0	70	80	295	315	36.5	49.0	43.0	~
70	70	08-Jul-05	C28/35	35.0	2PCPL	0.0	120	110	295	330	39.0	47.5	43.0	~

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71	71	11-Jul-05	RC35	35.0	2PC	0.0	80	100	295	330	31.5	47.5	41.0	~
72	72	11-Jul-05	RC35	35.0	2PC	0.0	80	110	295	330	36.0	47.0	40.5	~
73	73	11-Jul-05	C28/35	35.0	2PCPL	0.0	70	90	295	315	39.0	47.5	41.5	~
74	74	13-Jul-05	C28/35	35.0	2PCPL	0.0	70	90	295	315	38.0	51.0	45.0	~
75	75	15-Jul-05	C28/35	35.0	2PCPL	0.0	70	110	285	315	38.5	49.0	40.5	~
76	76	25-Jul-05	C28/35	35.0	2PCPL	0.0	70	110	285	305	38.5	52.0	45.5	~
77	77	25-Jul-05	C28/35	35.0	2PCPL	0.0	70	80	285	350	48.0	60.0	44.5	~
78	78	26-Jul-05	C28/35	35.0	2PCPL	0.0	70	90	285	305	44.0	52.0	45.5	~
79	79	28-Jul-05	C40	40.0	2PCPL	0.0	70	70	285	290	40.0	44.0	41.0	~
80	80	29-Jul-05	C28/35	35.0	2PC	0.0	70	70	285	290	33.5	42.0	41.0	~

CONFORMITY

Control Strength : 35.0

Target mean Strength : 41.5

Control SD : 4.5

Control k : 1.48

Calculated k : 1.82

Criterion 1 >= TMS Calculated Mean : 42.5 **PASS**

SD (Method 2) Calculated SD : 4.12 **PASS**

SD Range 2.84 To 6.17 (-63% / +137%)