SANGHI CEMENT
Turning Dreams into Concrete Reality

SANGHI INDUSTRIES LIMITED
QUALITY CONTROL LABORATORY
Sanghipuram - 370 511.
Tal. : Abdasa, Dist. : Kutch, State : Gujarat

CM/L 7431062

(NABL ACCREDITED LABORATORY)

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Page No.	:	1/1
Certificate No.	:	CMD/OPC/22/05/17
Lot Create Date	:	23.05.2017
Material	:	CEMENT OPC 53GR
Lab Code	:	142/CM/22
Sample Received From	:	Packing Plant
Address	:	SIL-Sanghipuram
Reference	:	Day Average Com.Despatch
During of testing Period	:	23.05.2017 To 20.06.2017
Tested as per	:	IS 4031 & IS 4032
Date of Sample	:	22.05.2017
Month	:	05
Week	:	21
		NABL/TP/F30

Issue No.6, Amnd.No.: 03, Eff. Dt. : 31.10.2016

TEST CERTIFICATE

PARAMETERS TESTED	REQUIREMENTS AS PER IS 269:2015	RESULTS OBTAINED
1.Chemical Testing		
Loss on Ignition	LESS THAN 4.00%	1.57
Insoluble Residue	LESS THAN 5.00%	1.42
SO3	LESS THAN 3.50%	2.79
MgO	LESS THAN 6.00%	2.93
Chlolride	LESS THAN 0.10%	0.060
LSF	0.80% To 1.02%	0.89
AM	MORE THAN 0.66%	1.39
C3A	-	7.67
2.Mechanical Testing		
Specific Surface	MORE THAN 225.00m2/kg	308
Normal Consistency		28.8
Setting Time - Initial	MORE THAN 30.00min	120
Setting Time - Final	LESS THAN 600.00min	180
Soundness Lechatelier	LESS THAN 10.00MM	1.50
Soundness Autoclave	LESS THAN 0.80%	0.18
Comp. Strength - 24 Hrs. *	MORE THAN 20.00MPa	22.0
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPa	38.5
Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPa	48.5
Comp. Strength - 672 ± 4 Hrs.	MORE THAN 53.00MPa	63.5

Conditions :
1. The test results pertain to the sample received only.
2. This report is being issued with a specific understanding that SIL QC LAB will not in any way be involved in action following the interpretation of above results.
3. This report shall not be re-produced except in full without written approval from SIL QC LAB.
* 1 Day testing is out of NABL scope.

Authorised Signatory

Quality Manager