



SANGHI INDUSTRIES LIMITED
QUALITY CONTROL LABORATORY

Sanghipuram - 370 511.

Turning Dreams into Concrete Reality Tal. : Abdasa, Dist. : Kutch, State : Gujarat



CM/L 7431062

(NABL ACCREDITED LABORATORY)

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Certificate No. : CMD/OPC/22/02/16
Lot Create Date : 23.02.2016
Material : CEMENT OPC 53GR
Lab Code : 53/CM/22
Sample Received From : Packing Plant
Address : SIL- Sanghipuram
Reference : Day Average Com. Despatch
During of testing Period : 23.02.2016 To 22.03.2016
Tested as per : IS 4031 & IS 4032
Date of Sample : 22.02.2016
Month : 02
Week : 08

NABL/TP/F30

Issue No.6, Amnd.No.: 02, Eff. Dt. : 02.02.2016

TEST CERTIFICATE

PARAMETERS TESTED	REQUIREMENTS AS PER IS 12269 : 2013	RESULTS OBTAINED
1.Chemical Testing		
Loss on Ignition	LESS THAN 4.00%	2.32
Insoluble Residue	LESS THAN 4.00%	1.07
SO ₃	LESS THAN 3.50%	2.57
MgO	LESS THAN 6.00%	2.32
Chloride	LESS THAN 0.10%	0.054
LSF	0.80% To 1.02%	0.90
AM	MORE THAN 0.66%	1.32
C3A	-	7.58
2.Mechanical Testing		
Specific Surface	MORE THAN 225.00m ² /kg	306
Normal Consistency		28.3
Setting Time - Initial	MORE THAN 30.00min	140
Setting Time - Final	LESS THAN 600.00min	205
Soundness Lechatelier	LESS THAN 10.00MM	2.00
Soundness Autoclave	LESS THAN 0.80%	0.13
Comp. Strength - 24 Hrs. *	MORE THAN 20.00MPa	21.0
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPa	41.0
Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPa	51.0

Conditions :

- The test results pertain to the sample received only.
- 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.
- 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

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