



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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Page No. : 1/1
 Certificate No. : CMD/OPC/26/09/14
 Date : 29.09.2014
 Material : CEMENT OPC 53 GR
 Lab Code : 264/CM/26
 Sample Received From : Packing Plant
 Address : SIL-Sanghipuram
 Reference : Day Average Comp Despatch
 Testing Started On : 27.09.2014
 Tested as per : IS 4031 & IS 4032
 Date of Sample : 26.09.2014
 Month : 09
 Week : 39

NABL/TP/F30

Issue No.5, Amnd.No.: 00, Eff. Dt. : 20.11.2012

TEST CERTIFICATE

PARAMETERS TESTED	REQUIREMENTS AS PER IS 12269 : 2013 / CUSTOMER	RESULTS OBTAINED
1.Chemical Testing		
Loss on Ignition	LESS THAN 4.00%	1.78
Insoluble Residue	LESS THAN 4.00%	1.86
SO ₃	LESS THAN 3.50%	2.68
MgO	LESS THAN 6.00%	3.16
Chloride	LESS THAN 0.10%	0.046
LSF	0.80% To 1.02%	0.91
AM	MORE THAN 0.66%	1.31
C3A	-	7.36
2.Mechanical Testing		
Specific Surface	MORE THAN 225.00M ² /KG	311
Normal Consistency		29.0
Setting Time - Initial	MORE THAN 30.00MIN	125
Setting Time - Final	LESS THAN 600.00MIN	155
Soundness Lechatelier	LESS THAN 10.00MM	1.0
Soundness Autoclave	LESS THAN 0.80%	0.124
Comp. Strength - 3 Days	MORE THAN 27.00MPA	38.5
Comp. Strength - 7 Days	MORE THAN 37.00MPA	53.5
Comp. Strength - 28 Days	MORE THAN 53.00MPA	67.5

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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

Authorised Signatory

Quality Manager