



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/16/01/17
 Lot Create Date : 17.01.2017
 Material : CEMENT OPC 53GR
 Lab Code : 16/CM/16
 Sample Received From : Packing Plant
 Address : SIL-Sanghipuram
 Reference : Day Average Com.Despatch
 During of testing Period : 17.01.2017 To 14.02.2017
 Tested as per : IS 4031 & IS 4032
 Date of Sample : 16.01.2017
 Month : 01
 Week : 03

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%	2.57
Insoluble Residue	LESS THAN 5.00%	2.48
SO ₃	LESS THAN 3.50%	3.20
MgO	LESS THAN 6.00%	2.45
Chloride	LESS THAN 0.10%	0.048
LSF	0.80% To 1.02%	0.90
AM	MORE THAN 0.66%	1.37
C3A	-	7.46
2.Mechanical Testing		
Specific Surface	MORE THAN 225.00m ² /kg	299
Normal Consistency		28.5
Setting Time - Initial	MORE THAN 30.00min	150
Setting Time - Final	LESS THAN 600.00min	205
Soundness Lechatelier	LESS THAN 10.00MM	1.50
Soundness Autoclave	LESS THAN 0.80%	0.10
Comp. Strength - 24 Hrs. *	MORE THAN 20.00MPa	25.0
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPa	42.0

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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