



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)

T - 1233, T - 1234

Phone (02831) 274131, 274132, 274135, Fax : (02831) 274106,274115, e-mail : info@sanghicement.com

Page No. : 1/1
Certificate No. : CMD/OPC/20/11/16
Lot Create Date : 21.11.2016
Material : CEMENT OPC 53GR
Lab Code : 325/CM/20
Sample Received From : Packing Plant
Address : SIL-Sanghipuram
Reference : Day Average Com.Despatch
During of testing Period : 21.11.2016 To 19.12.2016
Tested as per : IS 4031 & IS 4032
Date of Sample : 20.11.2016
Month : 11
Week : 47

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%	2.66
Insoluble Residue	LESS THAN 5.00%	2.27
SO ₃	LESS THAN 3.50%	2.81
MgO	LESS THAN 6.00%	2.24
Chloride	LESS THAN 0.10%	0.052
LSF	0.80% To 1.02%	0.90
AM	MORE THAN 0.66%	1.35
C3A	-	7.43
2.Mechanical Testing		
Specific Surface	MORE THAN 225.00m ² /kg	315
Normal Consistency		28.5
Setting Time - Initial	MORE THAN 30.00min	155
Setting Time - Final	LESS THAN 600.00min	200
Soundness Lechatelier	LESS THAN 10.00MM	1.00
Soundness Autoclave	LESS THAN 0.80%	0.06
Comp. Strength - 24 Hrs. *	MORE THAN 20.00MPa	23.0
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPa	40.0
Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPa	51.0

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