



**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/17/09/14  
 Date : 20.09.2014  
 Material : CEMENT OPC 53 GR  
 Lab Code : 255/CM/17  
 Sample Received From : Packing Plant  
 Address : SIL-Sanghipuram  
 Reference : Day Average Comp Despatch  
 Testing Started On : 18.09.2014  
 Tested as per : IS 4031 & IS 4032  
 Date of Sample : 17.09.2014  
 Month : 09  
 Week : 38

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
<b>1.Chemical Testing</b>		
Loss on Ignition	LESS THAN 4.00%	1.82
Insoluble Residue	LESS THAN 4.00%	1.90
SO <sub>3</sub>	LESS THAN 3.50%	2.84
MgO	LESS THAN 6.00%	2.96
Chloride	LESS THAN 0.10%	0.040
LSF	0.80% To 1.02%	0.91
AM	MORE THAN 0.66%	1.30
C3A	-	7.36
<b>2.Mechanical Testing</b>		
Specific Surface	MORE THAN 225.00M <sup>2</sup> /KG	321
Normal Consistency		29.75
Setting Time - Initial	MORE THAN 30.00MIN	120
Setting Time - Final	LESS THAN 600.00MIN	165
Soundness Lechatelier	LESS THAN 10.00MM	0.0
Soundness Autoclave	LESS THAN 0.80%	0.112
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	73.0

S  
A  
N  
G  
H  
I  
  
C  
E  
M  
E  
N  
T  
  
\*  
S  
A  
N  
G  
H  
I  
  
C  
E  
M  
E  
N  
T

S  
A  
N  
G  
H  
I  
  
C  
E  
M  
E  
N  
T  
  
\*  
S  
A  
N  
G  
H  
I  
  
C  
E  
M  
E  
N  
T

**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