



# KALBURGI CEMENT PVT. LTD.



A Group Company  
of Vicat, France

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## TEST CERTIFICATE

IS:12269



### 53 GRADE ORDINARY PORTLAND CEMENT

CM/L-457807

Dispatched from: 15.01.2016 TO 21.01.2016

Week No: 03

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 12269– 2013
<b>Fineness:</b>		
Specific Surface (m <sup>2</sup> /kg)	285	Not less than 225
Normal Consistency (%)	30.50	---
<b>Soundness:</b>		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.022	Not more than 0.8 %
<b>Setting Time:</b>		
a. Initial Setting Time (minutes)	150	Not less than 30
b. Final Setting Time (minutes)	255	Not more than 600
<b>Compressive Strength (MPa)</b>		
a. 3 days	35	Not less than 27
b. 7 days	Awaited	Not less than 37
c. 28 days	Awaited	Not less than 53
<b>B. CHEMICAL REQUIREMENTS</b>		
a. Lime Saturation Factor	0.92	0.80 – 1.02 Not less than 0.66
b. Aluminum Modules	1.35	Not more than 4.0
c. Insoluble Residue (%)	2.85	Not more than 6.0
d. Magnesia (%)	0.78	Not more than 3.5
e. Sulphuric Anhydride (%)	2.01	Not more than 4.0
f. Loss on Ignition (%)	2.92	Not more than 0.1
g. Chlorides (%)	0.02	27 ± 2
h. Temperature During Testing(°C)	27.50	

DGM (QC)

Sr.GM (P&QC)