



KALBURGI CEMENT PVT. LTD.



A Group Company
of Vicat, France

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TEST CERTIFICATE

IS:8112



43 GRADE ORDINARY PORTLAND CEMENT

CM/L-457547

Despatched from: 15.01.2016 TO 21.01.2016

Week No: 03

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 8112- 2013
Fineness:		
Specific Surface (m ² /kg)	272	Not less than 225
Normal Consistency (%)	29.50	---
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.032	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	150	Not less than 30
b. Final Setting Time (minutes)	255	Not more than 600
Compressive Strength (MPa)		
a. 3 days	31	Not less than 23
b. 7 days	Awaited	Not less than 33
c. 28 days	Awaited	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.90	0.66 – 1.02
b. Aluminum Modules	1.32	Not less than 0.66
c. Insoluble Residue (%)	2.97	Not more than 4.0
d. Magnesia (%)	0.85	Not more than 6.0
e. Sulphuric Anhydride (%)	1.96	Not more than 3.5
f. Loss on Ignition (%)	2.95	Not more than 5.0
g. Chlorides (%)	0.03	Not more than 0.1
h. Temperature During Testing(°C)	27.50	27 ± 2

DGM (QC)

Sr.GM (P&QC)