



A Group Company
of Vicat, France

KALBURGI CEMENT PVT. LTD.



Corporate Office: 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills, Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955

Works: Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.; Ph. +91 08472 305999; Fax: +91 08472 305999

TEST CERTIFICATE



43 GRADE ORDINARY PORTLAND CEMENT

Despatched from: 23.09.2016 TO 29.09.2016

Week No: 39

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 8112– 2013
Fineness:		
a. Specific Surface (m ² /kg)	272	Not less than 225
b. Normal Consistency (%)	30.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.082	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	170	Not less than 30
b. Final Setting Time (minutes)	280	Not more than 600
Compressive Strength (MPa)		
a. 3 days	27	Not less than 23
b. 7 days	39	Not less than 33
c. 28 days	57	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.90	0.66 – 1.02
b. Aluminum Modules	1.19	Not less than 0.66
c. Insoluble Residue (%)	2.88	Not more than 4.0
d. Magnesia (%)	0.82	Not more than 6.0
e. Sulphuric Anhydride (%)	2.16	Not more than 3.5
f. Loss on Ignition (%)	3.02	Not more than 5.0
g. Chlorides (%)	0.01	Not more than 0.1
h. Temperature During Testing °C	27.50	27 ± 2

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Analyst (Q.C)

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DGM (Q.C)