



A Group Company
of Vicat, France

KALBURGI CEMENT PVT. LTD.



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TEST CERTIFICATE



43 GRADE ORDINARY PORTLAND CEMENT

Despatched from: 06.08.2018 TO 12.08.2018

Week No: 32

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269– 2015
Fineness:		
a. Specific Surface (m ² /kg)	280	Not less than 225
b. Normal Consistency (%)	29.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.023	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	170	Not less than 30
b. Final Setting Time (minutes)	275	Not more than 600
Compressive Strength (MPa)		
a. 3 days	24	Not less than 23
b. 7 days	34	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 (%)	2.80	Not more than 5.0
d. Magnesia (%)	0.86	Not more than 6.0
e. Sulphuric Anhydride (%)	2.29	Not more than 3.5
f. Loss on Ignition (%)	3.00	Not more than 5.0
g. Chlorides (%)	0.020	Not more than 0.1
h. Temperature During Testing °C	27.50	27 ± 2

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Section In-Charge (Q.C)

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HOD(Q.C)