



A Group Company
of Vicat, France

KALBURGI CEMENT PVT. LTD.



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TEST CERTIFICATE



43 GRADE ORDINARY PORTLAND CEMENT

Despatched from: 03.09.2018 TO 09.09.2018

Week No: 36

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269– 2015
Fineness:		
a. Specific Surface (m ² /kg)	275	Not less than 225
b. Normal Consistency (%)	29.00	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.042	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	155	Not less than 30
b. Final Setting Time (minutes)	260	Not more than 600
Compressive Strength (MPa)		
a. 3 days	30	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	0.91	0.66 – 1.02
b. Aluminum Modules	1.22	Not less than 0.66
c. Insoluble Residue (%)	2.94	Not more than 5.0
d. Magnesia (%)	0.80	Not more than 6.0
e. Sulphuric Anhydride (%)	2.11	Not more than 3.5
f. Loss on Ignition (%)	3.45	Not more than 5.0
g. Chlorides (%)	0.020	Not more than 0.1
h. Temperature During Testing °C	27.00	27 ± 2

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Section In-Charge (Q.C)

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HOD(Q.C)