



A Group Company
of Vicat, France

KALBURGI CEMENT PVT. LTD.



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TEST CERTIFICATE

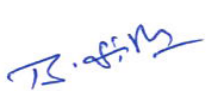



53 GRADE ORDINARY PORTLAND CEMENT

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)	292	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 (%)	0.036	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	165	Not less than 30
b. Final Setting Time (minutes)	275	Not more than 600
Compressive Strength (MPa)		
a. 3 days	37	Not less than 27
b. 7 days	Awaited	Not less than 37
c. 28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.94	0.80 – 1.02
b. Aluminum Modules	1.20	Not less than 0.66
c. Insoluble Residue (%)	3.02	Not more than 5.0
d. Magnesia (%)	0.82	Not more than 6.0
e. Sulphuric Anhydride (%)	2.20	Not more than 3.5
f. Loss on Ignition (%)	2.56	Not more than 4.0
g. Chlorides (%)	0.020	Not more than 0.1
h. Temperature During Testing °C	27.00	27 ± 2


Section In-Charge (Q.C)


HOD (Q.C)