



KALBURGI CEMENT PVT. LTD.

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Works : Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.



IS:269



CM/L :4578077

TRUST. LEGACY. FOREVER.

TEST CERTIFICATE

Product : VICAT - 43 GRADE ORDINARY PORTLAND CEMENT

Week No: 26

Despatched from: 25.06.2021 to 01.07.2021

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	275	Not less than 225
b. Normal Consistency (%)	30.00	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.50	Not more than 10 mm
b. By Autoclave (%)	0.06	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	160	Not less than 30
b. Final Setting Time (minutes)	255	Not more than 600
Compressive Strength (MPa)		
a. 3 days	32.50	Not less than 23
b. 7 days	46.43	Not less than 33
c. 28 days	Awaited	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.86	0.66 – 1.02
b. Aluminum Modules	1.03	Not less than 0.66
c. Insoluble Residue (%)	2.63	Not more than 5.0
d. Magnesia (%)	0.97	Not more than 6.0
e. Sulphuric Anhydride (%)	2.41	Not more than 3.5
f. Loss on Ignition (%)	2.84	Not more than 5.0
g. Chlorides (%)	0.030	Not more than 0.1
h. Alkali Content (%)	0.42	Not more than 0.6
i. Temperature During Testing °C	27.00	27 ± 2

Section In-Charge (Q.C)

Authorised Signature