



KALBURGI CEMENT PVT. LTD.

IS:269



CML : 4578077

TRUST. LEGACY. FOREVER.

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

TEST CERTIFICATE (OPC - 43 Grade)

Product : VICAT - PERFORMATE

Week No: 10

Despatched from: 02.03.2020 to 08.03.2020

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	272	Not less than 225
b. Normal Consistency (%)	29.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.00	Not more than 10 mm
b. By Autoclave (%)	0.046	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	170	Not less than 30
b. Final Setting Time (minutes)	270	Not more than 600
Compressive Strength (MPa)		
a. 3 days	33.56	Not less than 23
b. 7 days	42.48	Not less than 33
c. 28 days	56.88	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.91	0.66 – 1.02
b. Aluminum Modules	1.12	Not less than 0.66
c. Insoluble Residue (%)	2.40	Not more than 5.0
d. Magnesia (%)	1.02	Not more than 6.0
e. Sulphuric Anhydride (%)	2.62	Not more than 3.5
f. Loss on Ignition (%)	2.77	Not more than 5.0
g. Chlorides (%)	0.030	Not more than 0.1
h. Alkali Content (%)	0.56	Not more than 0.6
i. Temperature During Testing °C	27.50	27 ± 2

Section In-Charge (Q.C)

Authorised Signature