



KALBURGI CEMENT PVT. LTD.

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TRUST. LEGACY. FOREVER.

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

IS:269



CM/L : 4578077

TEST CERTIFICATE (OPC - 43 Grade)

Product : VICAT - PERFORMATE

Week No: 39

Despatched From : 23/9/2024 TO 29/9/2024

A. PHYSICAL REQUIREMENTS (as per IS:4031)	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	268	Not less than 225
b. Normal Consistency (%)	28.75	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.25	Not more than 10 mm
b. By Autoclave (%)	0.05	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	155	Not less than 30
b. Final Setting Time (minutes)	250	Not more than 600
Compressive Strength (MPa)		
a. 3 days	29.74	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 (as per IS:4032)		
a. Lime Saturation Factor	0.90	0.66 – 1.02
b. Aluminum Modules	1.28	Not less than 0.66
c. Insoluble Residue (%)	1.96	Not more than 5.0
d. Magnesia (%)	1.03	Not more than 6.0
e. Sulphuric Anhydride (%)	2.75	Not more than 3.5
f. Loss on Ignition (%)	2.15	Not more than 5.0
g. Chlorides (%)	0.02	Not more than 0.1
h. Alkali Content (%)	0.52	Not Specified
i. Temperature During Testing °C	27.20	27 ± 2

Asst Manager-QC

HOD - QC