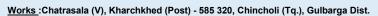


KALBURGI CEMENT PVT. LTD.

<u>Corporate Office</u>: 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills, Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955





TEST CERTIFICATE (OPC - 53 Grade)

Product : VICAT - OPTIMATE Week No: 2

Despatched From: 21-05-2022 TO 27-05-2022

Despatched 110111. 21-03-2022 10 27-03-2022			
A. PH	YSICAL REQUIREMENTS	RESULTS	As per IS 269 - 2015
Finen	ess:		
a.	Specific Surface (m2/kg)	290	Not less than 225
b.	Normal Consistency (%)	30.5	
Soundness:			
a.	By Le-Chatelier Method (mm)	1.10	Not more than 10 mm
b.	By Autoclave (%)	0.04	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	140	Not less than 30
b.	Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)			
a.	3 days	35.04	Not less than 27
b.	7 days	45.72	Not less than 37
C.	28 days	59.89	Not less than 53
B. CHEMICAL REQUIREMENTS			
a.	Lime Saturation Factor	0.92	0.80 – 1.02
b.	Aluminum Modules	1.12	Not less than 0.66
C.	Insoluble Residue (%)	2.30	Not more than 5.0
d.	Magnesia (%)	0.87	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.49	Not more than 3.5
f.	Loss on Ignition (%)	2.30	Not more than 4.0
g.	Chlorides (%)	0.01	Not more than 0.1
h.	Alkali Content (%)	0.36	Not more than 0.6
i.	Temperature During Testing ⁰ C	27.20	27 ± 2

X

Section In-Charge (Q.C)

Authorised Signature