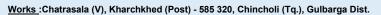


KALBURGI CEMENT PVT. LTD.

<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 - 43 Grade)

Product: VICAT - PERFORMATE Week No: 52

Despatched From: 23/12/2024 TO 31/12/2024

Despatched From . 23/12/2024 TO 31/12/2024			
	A. PHYSICAL REQUIREMENTS (as per IS:4031)	RESULTS	As per IS 269 – 2015
Finen	ess:		
a.	Specific Surface (m2/kg)	267	Not less than 225
b.	Normal Consistency (%)	28.50	
Soundness:			
a.	By Le-Chatelier Method (mm)	1.75	Not more than 10 mm
b.	By Autoclave (%)	0.04	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	160	Not less than 30
b.	Final Setting Time (minutes)	260	Not more than 600
Compressive Strength (MPa)			
a.	3 days	29.52	Not less than 23
b.	7 days	Awaited	Not less than 33
c.	28 days	Awaited	Not less than 43 & Not more than 58
В	B. CHEMICAL REQUIREMENTS (as per IS:4032)		
a.	Lime Saturation Factor	0.89	0.66 – 1.02
b.	Aluminum Modules	1.25	Not less than 0.66
C.	Insoluble Residue (%)	2.09	Not more than 5.0
d.	Magnesia (%)	1.13	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.62	Not more than 3.5
f.	Loss on Ignition (%)	2.29	Not more than 5.0
g.	Chlorides (%)	0.02	Not more than 0.1
h.	Alkali Content (%)	0.53	Not Specified
i.	Temperature During Testing ⁰ C	27.60	27 ± 2

Asst Manager-QC