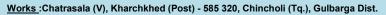


KALBURGI CEMENT PVT. LTD.

<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: 30

Despatched from: 23.07.2021 to 29.07.2021

A. PHY	SICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:			
a.	Specific Surface (m2/kg)	276	Not less than 225
b.	Normal Consistency (%)	30.00	
Soundness:			
a.	By Le-Chatelier Method (mm)	1.18	Not more than 10 mm
b.	By Autoclave (%)	0.041	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	155	Not less than 30
b.	Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)			
a.	3 days	32.29	Not less than 23
b.	7 days	42.14	Not less than 33
c.	28 days	55.43	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS			
a.	Lime Saturation Factor	0.88	0.66 – 1.02
b.	Aluminum Modules	1.15	Not less than 0.66
C.	Insoluble Residue (%)	2.63	Not more than 5.0
d.	Magnesia (%)	1.01	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.42	Not more than 3.5
f.	Loss on Ignition (%)	2.81	Not more than 5.0
g.	Chlorides (%)	0.020	Not more than 0.1
h.	Alkali Content (%)	0.42	Not more than 0.6
i.	Temperature During Testing ⁰ C	26.70	27 ± 2

Section In-Charge (Q.C)

Authorised Signature