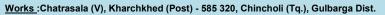


KALBURGI CEMENT PVT. LTD.

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TEST CERTIFICATE (OPC - 43 Grade)

Product: VICAT - PERFORMATE Week No: 34

Despatched from: 20.08.2021 to 26.08.2021

A. PHY	SICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:			
a.	Specific Surface (m2/kg)	276	Not less than 225
b.	Normal Consistency (%)	29.50	
Soundness:			
a.	By Le-Chatelier Method (mm)	1.32	Not more than 10 mm
b.	By Autoclave (%)	0.056	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	150	Not less than 30
b.	Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)			
a.	3 days	32.71	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			
a.	Lime Saturation Factor	0.89	0.66 – 1.02
b.	Aluminum Modules	1.10	Not less than 0.66
c.	Insoluble Residue (%)	2.43	Not more than 5.0
d.	Magnesia (%)	0.96	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.35	Not more than 3.5
f.	Loss on Ignition (%)	2.51	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