

KALBURGI CEMENT PVT. LTD.



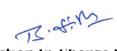
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TEST CERTIFICATE



53 GRADE ORDINARY PORTLAND CEMENT

Despatched from: 06.08.2018 to 12.08.2018			Week No: 32
A. PHYSICAL REQUIREMENTS		RESULTS	As per IS 269 – 2015
Fineness:			
a.	Specific Surface (m2/kg)	289	Not less than 225
b.	Normal Consistency (%)	29.50	
Soundness:			
a.	By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b.	By Autoclave (%)	0.038	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	175	Not less than 30
b.	Final Setting Time (minutes)	280	Not more than 600
Compressive Strength (MPa)			
a.	3 days	35	Not less than 27
b.	7 days	44	Not less than 37
с.	28 days	61	Not less than 53
B. CHEMICAL REQUIREMENTS			
a.	Lime Saturation Factor	0.93	0.80 - 1.02
b.	Aluminum Modules	1.20	Not less than 0.66
с.	Insoluble Residue (%)	2.43	Not more than 5.0
d.	Magnesia (%)	0.84	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.32	Not more than 3.5
f.	Loss on Ignition (%)	3.05	Not more than 4.0
g.	Chlorides (%)	0.020	Not more than 0.1
h.	Temperature During Testing ⁰ C	27.50	27 ± 2



Section In-Charge (Q.C)

