

## **KALBURGI CEMENT PVT. LTD.**



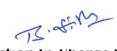
Corporate Office: 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills, Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955 Works: Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.; Ph. +91 08472 305999; Fax: +91 08472 305999

## **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 <sup>0</sup> C	27.50	27 ± 2



Section In-Charge (Q.C)

