



Anjani Portland Cement Ltd

Anjani Cement Center, Plot No. 7 & 8 Nagarjuna Hills, Punjagutta, Hyderabad 500 082. AP

Ordinary Portland Cement 53 Grade Test Certificate

Ref.: APCL / QC / TEST

Date of Despatch: 04/07/2014

Week No: 27

Particulars	Test Result	Requirement. as per IS 12269 : 1987
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.82	4.0 Max.
• I. R (%)	2.88	4.0 Max.
• SO ₃ (%)	2.33	3.5 Max.
• Mgo(%)	0.71	6.0 Max.
• Chloride (%)	0.004	0.10 Max.
• LSF	0.88	0.8 to 1.02
• A/F	1.40	0.66 Min.
Physical (as per IS : 4031-1988)		
• Spec. surface (M ² /kg)	318	225 Min.
Soundness		
• Lechatlier (mm)	01	10 Max.
• Autoclave (%)	0.012	0.8 Max.
Setting Time (minutes)		
• Initial	145	30 Min.
• Final	280	600 Max.
Compressive Strength (M. Pa.)		
• 3 days	38.8	27 Min.
• 7 days	48.0	37 Min.
• 28 days	U.T	53 Min.

A.Mgr (Q.C)

Certified that the cement complies
with IS 12269 : 1987

G. M (Q. A)