



ISO 9001 : 2008
company

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 Dispatch: 29/11/2010

Particulars	Test Result	Requirement. as per IS 12269 : 1987
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.28	4.0 Max
• I. R (%)	2.92	5.0 Max
• SO ₃ (%)	2.36	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.84	6.0 Max
• Chloride (%)	0.02	0.10 Max
• L S F	0.89	0.88 to 1.02
• A/F	1.36	0.66 Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	340	225 Min
Soundness		
• Lechatlier (mm)	1.00	10 Max
• Autoclave (%)	0.12	0.8 Max
Setting Time (minutes)		
• Initial	120	30 Min
• Final	235	600 Max
Compressive Strength (M. Pa.)		
• 3 days	34.8	27 Min
• 7 days	44.6	37 Min
• 28 days	56.4	53 Min

A.Mgr (Q.C)

Certified that the cement complies
with IS 12269 : 1987

G. M (Q. A)