



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 :22/12/2011

Particulars	Test Result	Requirement. as per IS 12269 : 1987
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.56	4.0Max
• I. R (%)	0.62	5.0Max
• SO ₃ (%)	2.48	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.94	6.0Max
• Chloride (%)	0.010	0.10Max
• LSF	0.89	0.88 to 1.02
• A/F	1.35	0.66Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	334	225Min
Soundness		
• Lechatlier (mm)	1.00	10Max
• Autoclave (%)	0.012	0.8Max
Setting Time (minutes)		
• Initial	110	30Min
• Final	245	600Max
Compressive Strength (M. Pa.)		
• 3 days	34.5	27 Min
• 7 days	46.3	37 Min
• 28 days	58.3	53 Min

A.Mgr (Q.C)

Certified that the cement complies
with IS 12269 : 1987

G. M (Q. A)