



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: 20/10/2011

Particulars	Test Result	Requirement. as per IS 12269 : 1987
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.58	4.0Max
• I. R (%)	2.74	5.0Max
• SO ₃ (%)	2.48	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.93	6.0Max
• Chloride (%)	0.010	0.10Max
• LSF	0.85	0.88 to 1.02
• A/F	1.31	0.66Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	333	225Min
Soundness		
• Lechatlier (mm)	1.00	10Max
• Autoclave (%)	0.010	0.8Max
Setting Time (minutes)		
• Initial	115	30Min
• Final	220	600Max
Compressive Strength (M. Pa.)		
• 3 days	35.2	27 Min
• 7 days	45.5	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)