



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

Date of Dispatch: 09/08/2013

Ref.: APCL / QC / TEST

Week No: 32

Particulars	Test Result	Requirement. as per IS 12269 : 1987
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.56	4.0Max
• I. R (%)	0.16	5.0Max
• SO ₃ (%)	2.32	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.69	6.0Max
• Chloride (%)	0.004	0.10Max
• LSF	0.90	0.8 to 1.02
• A/F	1.22	0.66Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	302	225Min
Soundness		
• Lechatlier (mm)	01	10Max
• Autoclave (%)	0.03	0.8Max
Setting Time (minutes)		
• Initial	135	30Min
• Final	295	600Max
Compressive Strength (M. Pa.)		
• 3 days	39.1	27 Min
• 7 days	48.9	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)