



Anjani Portland Cement Ltd

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

Ordinary Portland Cement 43 Grade Test Certificate

Ref.: APCL / QC / TEST

Date of Dispatch:12/5/2011

Particulars	Test Result	Requirement. as per IS 8112 : 1989
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.26	5.0Max
• I. R (%)	3.38	5.0Max
• So ₃ (%)	2.40	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.81	6.0Max
• Chloride (%)	0.03	0.10Max
• LSF	0.88	0.66 to.02
• A/F	1.29	0.66Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	333	225Min
Soundness		
• Lechatlier (mm)	1.0	10Max
• Autoclave (%)	0.012	0.8Max
Setting Time (minutes)		
• Initial	125	30Min
• Final	240	600Max
Compressive Strength (M. Pa.)		
• 3 days	32.3	23 Min
• 7 days	43.2	33 Min
• 28 days	U.T.	43 Min

A.Mgr (Q.C)

Certified that the cement complies
with IS 8112 : 1989

G. M (Q. A)