



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

Date of Dispatch: 25/10/2013

Ref.: APCL / QC / TEST

Week No: 43

Particulars	Test Result	Requirement. as per IS 8112 : 1989
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.94	5.0Max
• I. R (%)	0.36	5.0Max
• So ₃ (%)	2.34	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.69	6.0Max
• Chloride (%)	0.002	0.10Max
• LSF	0.87	0.66 to 1.02
• A/F	1.40	0.66Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	302	225Min
Soundness		
• Lechatlier (mm)	01	10Max
• Autoclave (%)	0.044	0.8Max
Setting Time (minutes)		
• Initial	145	30Min
• Final	285	600Max
Compressive Strength (M. Pa.)		
• 3 days	36.0	23 Min
• 7 days	46.0	33 Min
• 28 days	56.3	43 Min

A.Mgr (Q.C)

Certified that the cement complies with IS 8112 : 1989

G. M (Q. A)