



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: 01/02/2011

Particulars	Test Result	Requirement. as per IS 8112 : 1989
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.26	5.0 Max
• I. R (%)	3.28	5.0 Max
• So ₃ (%)	2.40	2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%)
• Mgo(%)	0.82	6.0 Max
• Chloride (%)	0.02	0.10 Max
• L S F	0.88	0.66 to .02
• A/F	1.22	0.66 Min
Physical (as per IS : 4031-1988)		
• Spec. surface (m ² /kg)	320	225 Min
Soundness		
• Lechatlier (mm)	1.0	10 Max
• Autoclave (%)	0.09	0.8 Max
Setting Time (minutes)		
• Initial	145	30 Min
• Final	250	600 Max
Compressive Strength (M. Pa.)		
• 3 days	31.6	23 Min
• 7 days	42.4	33 Min
• 28 days	55.3	43 Min

A.Mgr (Q.C)

Certified that the cement complies
with IS 8112 : 1989

G. M (Q. A)