



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 Despatch: 31/01/2014

Week No: 05

Particulars	Test Result	Requirement. as per IS 8112 : 1989
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.86	5.0 Max
• I. R (%)	2.94	5.0 Max
• So ₃ (%)	2.36	3.5 Max
• Mgo(%)	0.82	6.0 Max
• Chloride (%)	0.002	0.10 Max
• LSF	0.87	0.66 to 1.02
• A/F	1.47	0.66 Min
Physical (as per IS : 4031-1988)		
• Spec. surface (M ² /kg)	310	225 Min.
Soundness		
• Lechatlier (mm)	01	10 Max.
• Autoclave (%)	0.080	0.8 Max.
Setting Time (minutes)		
• Initial	140	30 Min.
• Final	285	600 Max.
Compressive Strength (M. Pa.)		
• 3 days	35.9	23 Min.
• 7 days	45.4	33 Min.
• 28 days	U.T	43 Min. } 58 Max. }

Certified that the cement complies with IS 8112 : 1989

A.Mgr (Q.C)

G. M (Q. A)