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

Ref.: APCL / QC / TEST

Date of Despatch: 09/01/2015

Week No: 02

Particulars	Test Result	Requirement. as per IS 12269 : 1987
Chemical (as per IS : 4032-1985)		
• LOI (%)	1.56	4.0 Max.
• I. R (%)	2.97	4.0 Max.
SO_3 (%)	2.45	3.5 Max.
• Mgo(%)	0.83	6.0 Max.
• Chloride (%)	0.004	0.10 Max.
• LSF	0.88	0.8 to 1.02
• A/F	1.41	0.66 Min.
Physical (as per IS : 4031-1988)		
• Spec. surface (M^2/kg)	301	225 Min.
Soundness		
• Lechatlier (mm)	01	10 Max.
• Autoclave (%)	0.168	0.8 Max.
Setting Time (minutes)		
• Initial	160	30 Min.
• Final	285	600 Max.
Compressive Strength (M. Pa.)		
• 3 days	39.0	27 Min.
• 7 days	47.1	37 Min.
• 28 days	59.7	53 Min.

Certified that the cement complies with IS 12269 : 1987

A.Mgr (Q.C)

G. M (Q. A)