



# 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: 05/12/2014

Week No: 49

Particulars	Test Result	Requirement. as per IS 12269 : 1987
<b>Chemical</b> (as per IS : 4032-1985)		
• LOI (%)	1.65	4.0 Max.
• I. R (%)	2.82	4.0 Max.
• SO <sub>3</sub> (%)	2.34	3.5 Max.
• Mgo(%)	0.73	6.0 Max.
• Chloride (%)	0.002	0.10 Max.
• LSF	0.88	0.8 to 1.02
• A/F	1.39	0.66 Min.
<b>Physical</b> (as per IS : 4031-1988)		
• Spec. surface (M <sup>2</sup> /kg)	307	225 Min.
<b>Soundness</b>		
• Lechatlier (mm)	01	10 Max.
• Autoclave (%)	0.076	0.8 Max.
<b>Setting Time (minutes)</b>		
• Initial	160	30 Min.
• Final	290	600 Max.
<b>Compressive Strength (M. Pa.)</b>		
• 3 days	38.7	27 Min.
• 7 days	47.0	37 Min.
• 28 days	59.9	53 Min.

A.Mgr (Q.C)

Certified that the cement complies  
with IS 12269 : 1987

G. M (Q. A)