



# 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 Dispatch:28/4/2011

Particulars	Test Result	Requirement. as per IS 12269 : 1987
<b>Chemical</b> (as per IS : 4032-1985)		
• LOI (%)	1.32	4.0Max
• I. R (%)	2.96	5.0Max
• SO <sub>3</sub> (%)	2.40	2.5% Max (When C <sub>3</sub> A ≤ 5%) 3.0% Max (When C <sub>3</sub> A ≥ 5%)
• Mgo(%)	0.91	6.0Max
• Chloride (%)	0.02	0.10Max
• LSF	0.88	0.88 to 1.02
• A/F	1.29	0.66Min
<b>Physical</b> (as per IS : 4031-1988)		
• Spec. surface (m <sup>2</sup> /kg)	332	225Min
<b>Soundness</b>		
• Lechatlier (mm)	1.00	10Max
• Autoclave (%)	0.15	0.8Max
<b>Setting Time (minutes)</b>		
• Initial	115	30Min
• Final	220	600Max
<b>Compressive Strength (M. Pa.)</b>		
• 3 days	35.6	27 Min
• 7 days	48.3	37 Min
• 28 days	57.9	53 Min

A.Mgr (Q.C)

Certified that the cement complies  
with IS 12269 : 1987

G. M (Q. A)