



# 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: 6/12/2010

Particulars	Test Result	Requirement. as per IS 8112 : 1989
<b>Chemical</b> (as per IS : 4032-1985)		
• LOI (%)	1.42	5.0 Max
• I. R (%)	3.38	5.0 Max
• So <sub>3</sub> (%)	2.36	2.5% Max (When C <sub>3</sub> A ≤ 5%) 3.0% Max (When C <sub>3</sub> A ≥ 5%)
• Mgo(%)	0.82	6.0 Max
• Chloride (%)	0.01	0.10 Max
• L S F	0.89	0.66 to .02
• A/F	1.36	0.66 Min
<b>Physical</b> (as per IS : 4031-1988)		
• Spec. surface (m <sup>2</sup> /kg)	326	225 Min
<b>Soundness</b>		
• Lechatlier (mm)	Nil	10 Max
• Autoclave (%)	0.09	0.8 Max
<b>Setting Time (minutes)</b>		
• Initial	140	30 Min
• Final	245	600 Max
<b>Compressive Strength (M. Pa.)</b>		
• 3 days	33.5	23 Min
• 7 days	39.3	33 Min
• 28 days	55.1	43 Min

A.Mgr (Q.C)

Certified that the cement complies  
with IS 8112 : 1989

G. M (Q. A)