



# 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: 08/12/2011

Particulars	Test Result	Requirement. as per IS 8112 : 1989
<b>Chemical</b> (as per IS : 4032-1985)		
• LOI (%)	1.48	5.0Max
• I. R (%)	1.12	5.0Max
• So <sub>3</sub> (%)	2.50	2.5% Max (When C <sub>3</sub> A ≤ 5%) 3.0% Max (When C <sub>3</sub> A ≥ 5%)
• Mgo(%)	0.83	6.0Max
• Chloride (%)	0.010	0.10Max
• LSF	0.89	0.66 to 1.02
• A/F	1.34	0.66Min
<b>Physical</b> (as per IS : 4031-1988)		
• Spec. surface (m <sup>2</sup> /kg)	336	225Min
<b>Soundness</b>		
• Lechatlier (mm)	1.0	10Max
• Autoclave (%)	0.001	0.8Max
<b>Setting Time (minutes)</b>		
• Initial	115	30Min
• Final	230	600Max
<b>Compressive Strength (M. Pa.)</b>		
• 3 days	34.3	23 Min
• 7 days	44.4	33 Min
• 28 days	U.T.	43 Min

A.Mgr (Q.C)

Certified that the cement complies with IS 8112 : 1989

G. M (Q. A)