



An ISO 9001:2008 Company

# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Limited )

## Ordinary Portland Cement 53 Grade Test Certificate

Ref.: APCL/QUAS/TEST/ W.No:49

Date of Despatch: 03.12.16

Particulars	Test Result	Requirement as per IS 12269 : 2013
<b>CHEMICAL ( As per IS: 4032-1985)</b>		
• LOI ( % )	1.62	4.0 Max.
• I.R. ( % )	2.86	4.0 Max.
• SO <sub>3</sub> ( % )	2.34	3.5 Max.
• MgO ( % )	0.75	6.0 Max.
• Chloride ( % )	0.02	0.10 Max.
• L.S.F.	0.88	0.80 to 1.02
• A/F	1.20	0.66 Min
<b>PHYSICAL (As per IS: 4031-1988)</b>		
• Spec.Surface (M <sup>2</sup> /Kg)	288	225 Min.
<b>SOUNDNESS:</b>		
• Le-Chatlier (mm)	01	10 Max.
• Autoclave (%)	0.058	0.8 Max.
<b>SETTING TIME (Minutes)</b>		
• Initial	140	30 Min.
• Final	245	600 Min.
<b>COMPRESSIVE STRENGTH (M Pa)</b>		
• 3 Days	36.1	27 Min.
• 7 Days	46.3	37 Min.
• 28 Days	59.9	53 Min.

Certified that the cement complies  
With IS 12269 : 2013

Manager (QUAS )

Vice President(Works)

Works : Anjanipuram, Gudimalkapuram(V), Mellacheruvu(M), Nalgonda (Dist), Telangana State – 508246

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