



An ISO 9001:2015 Company

# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Pvt. Limited )

## Ordinary Portland Cement 53 Grade Test Certificate

Ref.: APCL/QUAS/TEST/ W.No:04

Date of Despatch: 22.01.2023

Particulars	Test Result	Requirement as per IS 269 : 2015
<b>CHEMICAL ( As per IS: 4032-1985)</b>		
• LOI ( % )	2.21	4.0 Max.
• I.R. ( % )	2.41	5.0 Max.
• SO <sub>3</sub> ( % )	2.23	3.5 Max.
• MgO ( % )	1.14	6.0 Max.
• Chloride ( % )	0.03	0.10 Max.
• L.S.F.	0.89	0.80 to 1.02
• A/F	1.21	0.66 Min
<b>PHYSICAL (As per IS: 4031-1988)</b>		
• Fineness (M <sup>2</sup> /Kg)	309	225 Min.
<b>SOUNDNESS:</b>		
• Le-Chatlier (mm)	01	10 Max.
• Autoclave (%)	0.032	0.8 Max.
<b>SETTING TIME (Minutes)</b>		
• Initial	145	30 Min.
• Final	250	600 Max.
<b>COMPRESSIVE STRENGTH (M Pa)</b>		
• 3 Days	35.7	27 Min.
• 7 Days	45.8	37 Min.
• 28 Days	U.T	53 Min.

Certified that the cement complies  
With IS 269 : 2015

A.G.M (QUAS)

Unit Head

Works : Anjanipuram, Gudimalkapuram(P), Chinthalapalem(V&M), Suryapeta (Dist), Telangana State – 508246

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