



# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Limited )

## TEST CERTIFICATE

Ref: 1APCL/QUAS/TEST/ W.No: 45

Date of Despatch: 08.11.2015

Particulars	Test Result	Requirement as per IS 8041 : 1990
<b>CHEMICAL (As per IS: 4032-1985)</b>		
• LOI (%)	1.21	5.0 Max.
• I.R. (%)	0.89	4.0 Max.
• SO <sub>3</sub> (%)	2.18	2.50 % Max. (When C <sub>3</sub> A ≤ 5 %) 3.00 % Max. (When C <sub>3</sub> A ≥ 5 %)
• MgO (%)	0.84	6.0 Max.
• Chloride (%)	0.01	0.05 Max.
• L.S.F.	0.87	0.66 to 1.02
• A/F	1.22	0.66 Min.
<b>PHYSICAL (As per IS: 4031-1988)</b>		
• Spec. Surface (M <sup>2</sup> /Kg)	375	325 Min.
<b>SOUNDNESS:</b>		
• Le-Chatlier (mm)	1	10 Max.
• Autoclave (%)	0.028	0.8 Max.
<b>SETTING TIME (Minutes)</b>		
• Initial	120	30 Min.
• Final	215	600 Min.
<b>COMPRESSIVE STRENGTH (M Pa)</b>		
• 1 Day	29.4	16 Min.
• 3 Days	40.4	27 Min.

Certified that the cement complies with IS 8041 : 1990

Manager (QUAS)

A.V.P. (Ope. & QUAS)