



Anjani Portland Cement Limited

(A Subsidiary of Chettinad Cement Corporation Limited)

TEST CERTIFICATE

Ref: 1APCL/QUAS/TEST/ W.No: 51

Date of Despatch: 18.12.2016

Particulars	Test Result	Requirement as per IS 8041 : 1990
CHEMICAL (As per IS: 4032-1985)		
• LOI (%)	1.22	5.0 Max.
• I.R. (%)	0.82	4.0 Max.
• SO ₃ (%)	2.18	2.50 % Max. (When C3A ≤ 5 %) 3.00 % Max. (When C3A ≥ 5 %)
• MgO (%)	0.85	6.0 Max.
• Chloride (%)	0.02	0.05 Max.
• L.S.F.	0.88	0.66 to 1.02
• A/F	1.20	0.66 Min.
PHYSICAL (As per IS: 4031-1988)		
• Spec. Surface (M ² /Kg)	368	325 Min.
SOUNDNESS:		
• Le-Chatlier (mm)	01	10 Max.
• Autoclave (%)	0.064	0.8 Max.
SETTING TIME (Minutes)		
• Initial	105	30 Min.
• Final	200	600 Min.
COMPRESSIVE STRENGTH (M Pa)		
• 1 Day	27.2	16 Min.
• 3 Days	39.9	27 Min.

Certified that the cement complies with IS 8041 : 1990

Manager (QUAS)

Vice President(Works)