



**ANJANI  
PRATHISTA**  
RAPID HARDENING  
PORTLAND CEMENT



# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Limited )

## TEST CERTIFICATE

Ref: 1APCL/QUAS/TEST/ W.No: 28

Date of Despatch: 10.07.2016

| Particulars                            | Test Result | Requirement as per IS 8041 : 1990                            |
|--|-------------|--|
| <b>CHEMICAL (As per IS: 4032-1985)</b> |             |  |
| • LOI (%)                              | 1.02        | 5.0 Max.   |
| • I.R. (%)                             | 1.11        | 4.0 Max.   |
| • SO <sub>3</sub> (%)                  | 2.16        | 2.50 % Max. (When C3A ≤ 5 %)<br>3.00 % Max. (When C3A ≥ 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)   | 372         | 325 Min.   |
| <b>SOUNDNESS:</b>                      |             |  |
| • Le-Chatlier (mm)                     | 01          | 10 Max.  |
| • Autoclave (%)                        | 0.072       | 0.8 Max.   |
| <b>SETTING TIME (Minutes)</b>          |             |  |
| • Initial                              | 115         | 30 Min.  |
| • Final                                | 210         | 600 Min.   |
| <b>COMPRESSIVE STRENGTH (M Pa)</b>     |             |  |
| • 1 Day                                | 26.8        | 16 Min.  |
| • 3 Days                               | 39.4        | 27 Min.  |

Certified that the cement complies with IS 8041 : 1990

Manager (QUAS)

Vice President(Works)

Works : Anjanipuram, Gudimalkapuram (V), Mellacheruvu (M), Nalgonda (Dist), Telangana State 508 246  
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