



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:23

Date of Despatch: 04.06.19

| Particulars                             | Test Result | Requirement as per IS 269 : 2015 |
|---|-------------|----------------------------------|
| <b>CHEMICAL ( As per IS: 4032-1985)</b> |             |                                  |
| • LOI ( % )                             | 3.28        | 4.0 Max.                         |
| • I.R. ( % )                            | 3.22        | 5.0 Max.                         |
| • SO <sub>3</sub> ( % )                 | 2.29        | 3.5 Max.                         |
| • MgO ( % )                             | 0.95        | 6.0 Max.                         |
| • Chloride ( % )                        | 0.01        | 0.10 Max.                        |
| • L.S.F.                                | 0.84        | 0.80 to 1.02                     |
| • A/F                                   | 1.21        | 0.66 Min                         |
| <b>PHYSICAL (As per IS: 4031-1988)</b>  |             |                                  |
| • Spec.Surface (M <sup>2</sup> /Kg)     | 294         | 225 Min.                         |
| <b>SOUNDNESS:</b>                       |             |                                  |
| • Le-Chatlier (mm)                      | 01          | 10 Max.                          |
| • Autoclave (%)                         | 0.032       | 0.8 Max.                         |
| <b>SETTING TIME (Minutes)</b>           |             |                                  |
| • Initial                               | 140         | 30 Min.                          |
| • Final                                 | 240         | 600 Max.                         |
| <b>COMPRESSIVE STRENGTH (M Pa)</b>      |             |                                  |
| • 3 Days                                | 37.3        | 27 Min.                          |
| • 7 Days                                | 48.2        | 37 Min.                          |
| • 28 Days                               | U.T.        | 53 Min.                          |

Certified that the cement complies  
With IS 269 : 2015

Sr.Manager (QUAS )

Joint President(Works)

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

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