



An ISO 9001:2008 Company

# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Limited )

## Ordinary Portland Cement 53 Grade Test Certificate

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

Date of Despatch: 18.12.15

| Particulars   | Test Result   | Requirement as per IS 12269 : 2013  |
|---|---|---|
| <b>CHEMICAL ( As per IS: 4032-1985)</b>   |   |   |
| <ul style="list-style-type: none"><li>• LOI ( % )</li><li>• I.R. ( % )</li><li>• SO<sub>3</sub> ( % )</li><li>• MgO ( % )</li><li>• Chloride ( % )</li><li>• L.S.F.</li><li>• A/F</li></ul>   | <p>1.72<br/>2.69<br/>2.34<br/>0.75<br/>0.02<br/>0.88<br/>1.25</p>     | <p>4.0 Max.<br/>4.0 Max.<br/>3.5 Max.<br/>6.0 Max.<br/>0.10 Max.<br/>0.80 to 1.02<br/>0.66 Min</p>    |
| <b>PHYSICAL (As per IS: 4031-1988)</b>  |   |   |
| <ul style="list-style-type: none"><li>• Spec.Surface (M<sup>2</sup>/Kg)</li><li>• SOUNDNESS:<ul style="list-style-type: none"><li>• Le-Chatlier (mm)</li><li>• Autoclave (%)</li></ul></li><li>• SETTING TIME (Minutes)<ul style="list-style-type: none"><li>• Initial</li><li>• Final</li></ul></li><li>• COMPRESSIVE STRENGTH (M Pa)<ul style="list-style-type: none"><li>• 3 Days</li><li>• 7 Days</li><li>• 28 Days</li></ul></li></ul> | <p>284<br/>1<br/>0.032<br/>175<br/>305<br/>34.1<br/>46.0<br/>58.8</p> | <p>225 Min.<br/>10 Max.<br/>0.8 Max.<br/>30 Min.<br/>600 Min.<br/>27 Min.<br/>37 Min.<br/>53 Min.</p> |

Certified that the cement complies  
With IS 12269 : 2013

Manager (QUAS )

A.V.P. (Ope & Quas)

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