



An ISO 9001:2008 Company

# Anjani Portland Cement Limited

(A Subsidiary of Chettinad Cement Corporation Limited)

## Ordinary Portland Cement 43 Grade Test Certificate

Ref.: APCL/QUAS/TEST/ W.No:40

Date of Despatch: 02.10.16

Particulars	Test Result	Requirement as per IS 8112 : 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>1.92</p> <p>3.21</p> <p>2.32</p> <p>0.75</p> <p>0.02</p> <p>0.86</p> <p>1.24</p>	<p>5.0 Max.</p> <p>4.0 Max.</p> <p>3.5 Max.</p> <p>6.0 Max.</p> <p>0.10 Max.</p> <p>0.66 to 1.02</p> <p>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:</li> <li>• Le-Chatlier (mm)</li> <li>• Autoclave (%)</li> <li>SETTING TIME (Minutes)</li> <li>• Initial</li> <li>• Final</li> <li>COMPRESSIVE STRENGTH (M Pa)</li> <li>• 3 Days</li> <li>• 7 Days</li> <li>• 28 Days</li> </ul>	<p>277</p> <p>01</p> <p>0.032</p> <p>140</p> <p>250</p> <p>32.4</p> <p>42.4</p> <p>53.6</p>	<p>225 Min.</p> <p>10 Max.</p> <p>0.8 Max.</p> <p>30 Min.</p> <p>600 Min.</p> <p>23 Min.</p> <p>33 Min.</p> <p>43 Min.</p> <p>58 Max. }</p>

Certified that the cement complies  
With IS 8112 : 2013

Manager (QUAS )

Vice President (Works)

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