



An ISO 9001:2015 Company

# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Pvt. Limited )

## Composite Cement Test Certificate

Ref.: APCL/QUAS/TEST / W.No: 03

Date of Despatch: 15.01.2022

Particulars	Test Result	Requirement as per IS 16415 : 2015
<b>CHEMICAL ( As per IS: 4032-1985)</b>		
<ul style="list-style-type: none"><li>• LOI (%)</li><li>• I.R. (%)</li></ul>	<p>3.33 27.64</p>	<p>5.0 Max. Max:<math>X+4(100-X)</math> 100 Min : <math>0.60 \times X</math> (Where X is Declared % of Fly ash)</p>
<ul style="list-style-type: none"><li>• SO<sub>3</sub> (%)</li><li>• MgO (%)</li><li>• Chloride (%)</li><li>• Sulphide Sulphur (%)</li></ul>	<p>2.26 1.12 0.02 0.12</p>	<p>3.5 Max. 8.0 Max. 0.10 Max. 0.75 Max.</p>
<b>PHYSICAL (As per IS: 4031-1988)</b>		
<ul style="list-style-type: none"><li>• Fineness (M<sup>2</sup>/Kg)</li></ul>	<p>351</p>	<p>300 Min.</p>
<b>SOUNDNESS:</b> <ul style="list-style-type: none"><li>• Le-Chatlier (mm)</li><li>• Autoclave (%)</li></ul>	<p>1.0 0.022</p>	<p>10 Max. 0.8 Max.</p>
<b>SETTING TIME (Minutes)</b> <ul style="list-style-type: none"><li>• Initial</li><li>• Final</li></ul>	<p>160 260</p>	<p>30 Min. 600 Min.</p>
<b>COMPRESSIVE STRENGTH (M Pa)</b> <ul style="list-style-type: none"><li>• 3 Days</li><li>• 7 Days</li><li>• 28 Days</li></ul>	<p>22.9 32.8 46.8</p>	<p>16 Min. 22 Min. 33 Min.</p>

Certified that the cement complies  
With IS 16415 : 2015

A.G.M (QUAS)

Unit Head

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