



An ISO 9001:2015 Company

# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Pvt Limited )

## PPC Test Certificate

Ref.: APCL/QUAS/TEST / W.No:50

Date of Despatch: 10.12.2022

Particulars	Test Result	Requirement as per IS 1489(Part-1) : 2015
<b>CHEMICAL ( As per IS: 4032-1985)</b>		
<ul style="list-style-type: none"><li>LOI (%)</li><li>I.R. (%)</li></ul>	<p>3.32 30.42</p>	<p>5.0 Max. Max:<math>X+4(100-X)</math> 100 Min : 0.60 x X (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>Declared percentage of Pozzolana (%)</li></ul>	<p>2.23 1.17 0.06 33.0</p>	<p>3.0 Max. 6.0 Max. 0.10 Max. Min-15%,Max-35%</p>
<b>PHYSICAL (As per IS: 4031-1988)</b>		
<ul style="list-style-type: none"><li>Fineness (M<sup>2</sup>/Kg)</li></ul>	346	300 Min.
<b>SOUNDNESS:</b>		
<ul style="list-style-type: none"><li>Le-Chatlier (mm)</li></ul>	01	10 Max.
<ul style="list-style-type: none"><li>Autoclave (%)</li></ul>	0.018	0.8 Max.
<b>SETTING TIME (Minutes)</b>		
<ul style="list-style-type: none"><li>Initial</li></ul>	155	30 Min.
<ul style="list-style-type: none"><li>Final</li></ul>	250	600 Min.
<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>23.6 33.7 47.6</p>	<p>16 Min. 22 Min. 33 Min.</p>

Certified that the cement complies  
With IS 1489 (Part - 1) : 2015

A.G.M (QUAS)

Unit Head

Works : Anjanipuram, Gudimalkapuram(P), Cinthalapalem(V&M), Suryapeta (Dist), Telangana State – 508246  
Head Office : # 6-3-553, Quena Square – 4<sup>th</sup> floor ,E3 & E4 ,Erramanzil , Somajiguda, , Hyderabad -500 082,Telangana,INDIA.