



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:01

Date of Despatch: 01.01.2021

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>3.24 31.82</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>Declared percentage of Pozzolana (%)</li></ul>	<p>2.29 0.98 0.04 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>	150	30 Min.
<ul style="list-style-type: none"><li>Final</li></ul>	255	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>23.7 33.5 48.5</p>	<p>16 Min. 22 Min. 33 Min.</p>

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

Sr.Manager (QUAS)

Joint President (Works)

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

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