



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: 04

Date of Despatch: 22.01.2021

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>3.19 25.81</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>2.28 1.16 0.03 0.18</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>	347	300 Min.
<b>SOUNDNESS:</b>		
<ul style="list-style-type: none"><li>Le-Chatlier (mm)</li></ul>	1.0	10 Max.
<ul style="list-style-type: none"><li>Autoclave (%)</li></ul>	0.012	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></ul>	23.1	16 Min.
<ul style="list-style-type: none"><li>7 Days</li></ul>	33.0	22 Min.
<ul style="list-style-type: none"><li>28 Days</li></ul>	46.8	33 Min.

Certified that the cement complies  
With IS 16415 : 2015

Sr. Manager (QUAS)

Joint President (Works)

Works : Anjanipuram, Gudimalkapuram(Post), Chinthalapalem(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.