



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: **13**

Date of Despatch: **26.03.2021**

Particulars	Test Result	Requirement as per IS 16415 : 2015
CHEMICAL (As per IS: 4032-1985)		
<ul style="list-style-type: none">• LOI (%)• I.R. (%)	<p>3.26 26.76</p>	<p>5.0 Max. Max:$X+4(100-X)$ 100 Min : $0.60 \times X$ (Where X is Declared % of Fly ash)</p>
<ul style="list-style-type: none">• SO₃ (%)• MgO (%)• Chloride (%)• Sulphide Sulphur (%)	<p>2.28 1.14 0.05 0.19</p>	<p>3.5 Max. 8.0 Max. 0.10 Max. 0.75 Max.</p>
PHYSICAL (As per IS: 4031-1988)		
<ul style="list-style-type: none">• Fineness (M²/Kg)	347	300 Min.
SOUNDNESS:		
<ul style="list-style-type: none">• Le-Chatlier (mm)	1.0	10 Max.
<ul style="list-style-type: none">• Autoclave (%)	0.024	0.8 Max.
SETTING TIME (Minutes)		
<ul style="list-style-type: none">• Initial	155	30 Min.
<ul style="list-style-type: none">• Final	260	600 Min.
COMPRESSIVE STRENGTH (M Pa)		
<ul style="list-style-type: none">• 3 Days• 7 Days• 28 Days	<p>23.3 33.4 47.8</p>	<p>16 Min. 22 Min. 33 Min.</p>

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

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