



An ISO 9001:2008 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: 16.01.2018

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>3.04</p> <p>23.40</p>	<p>5.0 Max.</p> <p>Max:X+4(100-X)</p> <p>100</p> <p>Min : 0.60 X</p> <p>(Where X is Declared % of Fly ash)</p>
<ul style="list-style-type: none">• SO₃ (%)• MgO (%)• Chloride (%)• Sulphide Sulphur (%)	<p>2.26</p> <p>1.58</p> <p>0.03</p> <p>0.32</p>	<p>3.5 Max.</p> <p>8.0 Max.</p> <p>0.10 Max.</p> <p>0.75 Max.</p>
PHYSICAL (As per IS: 4031-1988)		
<ul style="list-style-type: none">• Spec.Surface (M²/Kg)	349	300 Min.
SOUNDNESS:		
<ul style="list-style-type: none">• Le-Chatlier (mm)	1.00	10 Max.
<ul style="list-style-type: none">• Autoclave (%)	0.052	0.8 Max.
SETTING TIME (Minutes)		
<ul style="list-style-type: none">• Initial	140	30 Min.
<ul style="list-style-type: none">• Final	240	600 Min.
COMPRESSIVE STRENGTH (M Pa)		
<ul style="list-style-type: none">• 3 Days	22.3	16 Min.
<ul style="list-style-type: none">• 7 Days	33.1	22 Min.
<ul style="list-style-type: none">• 28 Days	U.T	33 Min.

Certified that the cement complies
With IS 16415 : 2015

Sr.Manager (QUAS)

Sr.Vice President (Works)

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

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