



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: 45

Date of Despatch: 05.11.2019

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>3.61 30.37</p>	<p>5.0 Max. Max:$X+4(100-X)$ 100 Min : 0.60 X (Where X is Declared % of Fly ash)</p>
<ul style="list-style-type: none">• SO₃ (%)• MgO (%)• Chloride (%)• Sulphide Sulphur (%)	<p>2.28 1.12 0.03 0.09</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">• Spec.Surface (M²/Kg)	350	300 Min.
SOUNDNESS:		
<ul style="list-style-type: none">• Le-Chatlier (mm)	1.00	10 Max.
<ul style="list-style-type: none">• Autoclave (%)	0.032	0.8 Max.
SETTING TIME (Minutes)		
<ul style="list-style-type: none">• Initial	145	30 Min.
<ul style="list-style-type: none">• Final	255	600 Min.
COMPRESSIVE STRENGTH (M Pa)		
<ul style="list-style-type: none">• 3 Days	23.0	16 Min.
<ul style="list-style-type: none">• 7 Days	33.5	22 Min.
<ul style="list-style-type: none">• 28 Days	48.0	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 – 4th floor ,E3 & E4 ,Erramanzil , Somajiguda, , Hyderabad -500 082,Telangana,INDIA.