



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: 03

Date of Despatch: 15.01.2021

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 25.89</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>2.26 1.18 0.04 0.12</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)	344	300 Min.
SOUNDNESS:		
<ul style="list-style-type: none">• Le-Chatlier (mm)	1.0	10 Max.
<ul style="list-style-type: none">• Autoclave (%)	0.018	0.8 Max.
SETTING TIME (Minutes)		
<ul style="list-style-type: none">• Initial	145	30 Min.
<ul style="list-style-type: none">• Final	250	600 Min.
COMPRESSIVE STRENGTH (M Pa)		
<ul style="list-style-type: none">• 3 Days	23.4	16 Min.
<ul style="list-style-type: none">• 7 Days	33.4	22 Min.
<ul style="list-style-type: none">• 28 Days	47.5	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.