



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: 52

Date of Despatch: 26.12.2017

| 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>2.94<br/>23.44</p>                  | <p>5.0 Max.<br/>Max:X+4(100-X)<br/>100<br/>Min : 0.60 X<br/>(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>2.26<br/>1.46<br/>0.03<br/>0.40</p> | <p>3.5 Max.<br/>8.0 Max.<br/>0.10 Max.<br/>0.75 Max.</p>   |
| <b>PHYSICAL (As per IS: 4031-1988)</b>   |  |  |
| <ul style="list-style-type: none"><li>• Spec.Surface (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>   | 1.00                                   | 10 Max.  |
| <ul style="list-style-type: none"><li>• Autoclave (%)</li></ul>  | 0.016                                  | 0.8 Max.   |
| <b>SETTING TIME (Minutes)</b>  |  |  |
| <ul style="list-style-type: none"><li>• Initial</li></ul>  | 140                                    | 30 Min.  |
| <ul style="list-style-type: none"><li>• Final</li></ul>  | 240                                    | 600 Min.   |
| <b>COMPRESSIVE STRENGTH (M Pa)</b>   |  |  |
| <ul style="list-style-type: none"><li>• 3 Days</li><li>• 7 Days</li><li>• 28 Days</li></ul>  | <p>24.1<br/>33.7<br/>U.T</p>           | <p>16 Min.<br/>22 Min.<br/>33 Min.</p>   |

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

Head Office : # 6-3-553, Quena Square – 4<sup>th</sup> floor ,E3 & E4 ,Erramanzil , Somajiguda , , Hyderabad -500 082,Telangana,INDIA.