



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: 19

Date of Despatch: 07.05.2021

| 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>3.32<br/>26.62</p>                  | <p>5.0 Max.<br/>Max:<math>X+4(100-X)</math><br/>100<br/>Min : <math>0.60 \times X</math><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>2.29<br/>1.08<br/>0.03<br/>0.13</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>Fineness (M<sup>2</sup>/Kg)</li></ul>  | 342                                    | 300 Min.  |
| <b>SOUNDNESS:</b>  |  |   |
| <ul style="list-style-type: none"><li>Le-Chatlier (mm)</li></ul>   | 1.0                                    | 10 Max.   |
| <ul style="list-style-type: none"><li>Autoclave (%)</li></ul>  | 0.022                                  | 0.8 Max.  |
| <b>SETTING TIME (Minutes)</b>  |  |   |
| <ul style="list-style-type: none"><li>Initial</li></ul>  | 145                                    | 30 Min.   |
| <ul style="list-style-type: none"><li>Final</li></ul>  | 250                                    | 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>22.9<br/>32.8<br/>47.7</p>          | <p>16 Min.<br/>22 Min.<br/>33 Min.</p>  |

Certified that the cement complies  
With IS 16415 : 2015

Sr. Manager (QUAS)

Unit Head

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

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