



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: 40

Date of Despatch: 30.09.2020

| 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>3.28<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>2.31<br/>1.19<br/>0.04<br/>0.16</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>  | 341                                    | 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>  | 0.016                                  | 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>  | 255                                    | 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>22.8<br/>33.0<br/>47.8</p>          | <p>16 Min.<br/>22 Min.<br/>33 Min.</p>  |

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  
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