



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: 30

Date of Despatch: 23.07.2018

| 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>2.69<br/>29.10</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>2.30<br/>1.28<br/>0.03<br/>0.34</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>  | 351                                    | 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>  | 0.044                                  | 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></ul>   | 22.7                                   | 16 Min.  |
| <ul style="list-style-type: none"><li>• 7 Days</li></ul>   | 33.1                                   | 22 Min.  |
| <ul style="list-style-type: none"><li>• 28 Days</li></ul>  | U.T                                    | 33 Min.  |

Certified that the cement complies  
With IS 16415 : 2015

Sr.Manager (QUAS)

Sr.Vice President (Works)

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