



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: 18

Date of Despatch: 29.04.2020

| 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>3.36<br/>20.06</p>                  | <p>5.0 Max.<br/>Max:<math>X+4(100-X)</math><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>2.29<br/>1.06<br/>0.02<br/>0.18</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>  | 342                                    | 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>  | 0.026                                  | 0.8 Max.  |
| <b>SETTING TIME (Minutes)</b>  |  |   |
| <ul style="list-style-type: none"><li>• Initial</li></ul>  | 155                                    | 30 Min.   |
| <ul style="list-style-type: none"><li>• Final</li></ul>  | 260                                    | 600 Min.  |
| <b>COMPRESSIVE STRENGTH (M Pa)</b>   |  |   |
| <ul style="list-style-type: none"><li>• 3 Days</li></ul>   | 23.6                                   | 16 Min.   |
| <ul style="list-style-type: none"><li>• 7 Days</li></ul>   | 33.8                                   | 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)

Joint President (Works)

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