



An ISO 9001:2015 Company

# Anjani Portland Cement Limited

( A Subsidiary of Chettinad Cement Corporation Pvt Limited )

## PPC Test Certificate

Ref.: APCL/QUAS/TEST / W.No:50

Date of Despatch: 10.12.2021

| Particulars  | Test Result                  | Requirement as per IS 1489(Part-1) : 2015  |
|--|------------------------------|--|
| <b>CHEMICAL ( As per IS: 4032-1985)</b>  |                              |  |
| <ul style="list-style-type: none"><li>• LOI (%)</li><li>• I.R. (%)</li></ul>   | 3.34<br>31.61                | 5.0 Max.<br>Max: $X+4(100-X)$<br>100<br>Min : 0.60 x X<br>(Where X is Declared % of Fly ash) |
| <ul style="list-style-type: none"><li>• SO<sub>3</sub> (%)</li><li>• MgO (%)</li><li>• Chloride (%)</li><li>• Declared percentage of Pozzolana (%)</li></ul> | 2.22<br>1.02<br>0.03<br>33.0 | 3.0 Max.<br>6.0 Max.<br>0.10 Max.<br>Min-15%,Max-35%   |
| <b>PHYSICAL (As per IS: 4031-1988)</b>   |                              |  |
| <ul style="list-style-type: none"><li>• Fineness (M<sup>2</sup>/Kg)</li></ul>  | 346                          | 300 Min.   |
| <b>SOUNDNESS:</b> <ul style="list-style-type: none"><li>• Le-Chatlier (mm)</li><li>• Autoclave (%)</li></ul>   | 01<br>0.016                  | 10 Max.<br>0.8 Max.  |
| <b>SETTING TIME (Minutes)</b> <ul style="list-style-type: none"><li>• Initial</li><li>• Final</li></ul>  | 160<br>255                   | 30 Min.<br>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>                               | 22.8<br>32.8<br>47.1         | 16 Min.<br>22 Min.<br>33 Min.  |

Certified that the cement complies  
With IS 1489 (Part - 1) : 2015

A.G.M (QUAS)

Unit Head

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