



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:04

Date of Despatch: 22.01.2021

| 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>   | <p>3.27<br/>31.68</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>Declared percentage of Pozzolana (%)</li></ul> | <p>2.26<br/>0.98<br/>0.02<br/>33.0</p> | <p>3.0 Max.<br/>6.0 Max.<br/>0.10 Max.<br/>Min-15%,Max-35%</p>  |
| <b>PHYSICAL (As per IS: 4031-1988)</b>   |  |   |
| <ul style="list-style-type: none"><li>Fineness (M<sup>2</sup>/Kg)</li></ul>  | 350                                    | 300 Min.  |
| <b>SOUNDNESS:</b>  |  |   |
| <ul style="list-style-type: none"><li>Le-Chatlier (mm)</li></ul>   | 01                                     | 10 Max.   |
| <ul style="list-style-type: none"><li>Autoclave (%)</li></ul>  | 0.012                                  | 0.8 Max.  |
| <b>SETTING TIME (Minutes)</b>  |  |   |
| <ul style="list-style-type: none"><li>Initial</li></ul>  | 140                                    | 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>23.3<br/>33.3<br/>U.T</p>           | <p>16 Min.<br/>22 Min.<br/>33 Min.</p>  |

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

Sr.Manager (QUAS)

Joint President (Works)

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