



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: 45

Date of Despatch: 04.11.2020

| Particulars | Test Result | Requirement as per IS 16415 : 2015 |
|--|--|---|
| CHEMICAL (As per IS: 4032-1985) | | |
| <ul style="list-style-type: none">• LOI (%)• I.R. (%) | <p>3.35 26.61</p> | <p>5.0 Max. Max:$X+4(100-X)$ 100 Min : $0.60 \times X$ (Where X is Declared % of Fly ash)</p> |
| <ul style="list-style-type: none">• SO₃ (%)• MgO (%)• Chloride (%)• Sulphide Sulphur (%) | <p>2.30 1.14 0.03 0.10</p> | <p>3.5 Max. 8.0 Max. 0.10 Max. 0.75 Max.</p> |
| PHYSICAL (As per IS: 4031-1988) | | |
| <ul style="list-style-type: none">• Fineness (M²/Kg) | 353 | 300 Min. |
| SOUNDNESS: | | |
| <ul style="list-style-type: none">• Le-Chatlier (mm) | 1.0 | 10 Max. |
| <ul style="list-style-type: none">• Autoclave (%) | 0.024 | 0.8 Max. |
| SETTING TIME (Minutes) | | |
| <ul style="list-style-type: none">• Initial | 150 | 30 Min. |
| <ul style="list-style-type: none">• Final | 260 | 600 Min. |
| COMPRESSIVE STRENGTH (M Pa) | | |
| <ul style="list-style-type: none">• 3 Days | 23.5 | 16 Min. |
| <ul style="list-style-type: none">• 7 Days | 33.3 | 22 Min. |
| <ul style="list-style-type: none">• 28 Days | 47.2 | 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
Head Office : # 6-3-553, Quena Square – 4th floor ,E3 & E4 ,Erramanzil , Somajiguda, , Hyderabad -500 082,Telangana,INDIA.