



An ISO 9001:2015 Company

Anjani Portland Cement Limited

(A Subsidiary of Chettinad Cement Corporation Pvt. Limited)

Ordinary Portland Cement 53 Grade Test Certificate

Ref.: APCL/QUAS/TEST/ W.No:10

Date of Despatch: 05.03.2023

| Particulars | Test Result | Requirement as per IS 269 : 2015 |
|---|-------------|----------------------------------|
| CHEMICAL (As per IS: 4032-1985) | | |
| • LOI (%) | 2.38 | 4.0 Max. |
| • I.R. (%) | 2.69 | 5.0 Max. |
| • SO ₃ (%) | 2.23 | 3.5 Max. |
| • MgO (%) | 1.16 | 6.0 Max. |
| • Chloride (%) | 0.05 | 0.10 Max. |
| • L.S.F. | 0.89 | 0.80 to 1.02 |
| • A/F | 1.24 | 0.66 Min |
| PHYSICAL (As per IS: 4031-1988) | | |
| • Fineness (M ² /Kg) | 309 | 225 Min. |
| SOUNDNESS: | | |
| • Le-Chatlier (mm) | 01 | 10 Max. |
| • Autoclave (%) | 0.022 | 0.8 Max. |
| SETTING TIME (Minutes) | | |
| • Initial | 145 | 30 Min. |
| • Final | 245 | 600 Max. |
| COMPRESSIVE STRENGTH (M Pa) | | |
| • 3 Days | 35.7 | 27 Min. |
| • 7 Days | 45.5 | 37 Min. |
| • 28 Days | U.T | 53 Min. |

Certified that the cement complies
With IS 269 : 2015

A.G.M (QUAS)

Unit Head

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

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