



Anjani Portland Cement Ltd

Anjani Cement Center, Plot No. 7 & 8 Nagarjuna Hills, Punjagutta, Hyderabad 500 082. AP

Ordinary Portland Cement 53 Grade Test Certificate

Ref.: APCL / QC / TEST

Date of Despatch: 14/08/2015

Week No: 33

| Particulars | Test Result | Requirement. as per IS 12269 : 1987 |
|---|-------------|-------------------------------------|
| Chemical (as per IS : 4032-1985) | | |
| • LOI (%) | 1.72 | 4.0 Max. |
| • I. R (%) | 2.67 | 4.0 Max. |
| • SO ₃ (%) | 2.28 | 3.5 Max. |
| • Mgo(%) | 0.84 | 6.0 Max. |
| • Chloride (%) | 0.02 | 0.10 Max. |
| • LSF | 0.89 | 0.8 to 1.02 |
| • A/F | 1.27 | 0.66 Min. |
| Physical (as per IS : 4031-1988) | | |
| • Spec. surface (M ² /kg) | 284 | 225 Min. |
| Soundness | | |
| • Lechatlier (mm) | 01 | 10 Max. |
| • Autoclave (%) | 0.044 | 0.8 Max. |
| Setting Time (minutes) | | |
| • Initial | 150 | 30 Min. |
| • Final | 290 | 600 Max. |
| Compressive Strength (M. Pa.) | | |
| • 3 days | 38.7 | 27 Min. |
| • 7 days | 46.7 | 37 Min. |
| • 28 days | 58.9 | 53 Min. |

A.Mgr (Q.C)

Certified that the cement complies
with IS 12269 : 1987

G. M (Q. A)