



Anjani Portland Cement Ltd

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

Ordinary Portland Cement 43 Grade Test Certificate

Ref.: APCL / QC / TEST

Date of Despatch: 16/05/2014

Week No: 20

| Particulars | Test Result | Requirement. as per IS 8112 : 1989 |
|---|-------------|------------------------------------|
| Chemical (as per IS : 4032-1985) | | |
| • LOI (%) | 1.92 | 5.0 Max |
| • I. R (%) | 3.35 | 4.0 Max |
| • So ₃ (%) | 2.36 | 3.5 Max |
| • Mgo(%) | 0.72 | 6.0 Max |
| • Chloride (%) | 0.004 | 0.10 Max |
| • LSF | 0.87 | 0.66 to 1.02 |
| • A/F | 1.38 | 0.66 Min |
| Physical (as per IS : 4031-1988) | | |
| • Spec. surface (M ² /kg) | 324 | 225 Min. |
| Soundness | | |
| • Lechatlier (mm) | 01 | 10 Max. |
| • Autoclave (%) | 0.028 | 0.8 Max. |
| Setting Time (minutes) | | |
| • Initial | 140 | 30 Min. |
| • Final | 290 | 600 Max. |
| Compressive Strength (M. Pa.) | | |
| • 3 days | 35.0 | 23 Min. |
| • 7 days | 46.3 | 33 Min. |
| • 28 days | 56.4 | 43 Min. } 58 Max. } |

Certified that the cement complies with IS 8112 : 1989

A.Mgr (Q.C)

G. M (Q. A)