



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 Dispatch: 15/12/2011

| Particulars | Test Result | Requirement. as per IS 8112 : 1989 |
|---|-------------|--|
| Chemical (as per IS : 4032-1985) | | |
| • LOI (%) | 1.46 | 5.0Max |
| • I. R (%) | 0.80 | 5.0Max |
| • So ₃ (%) | 2.50 | 2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%) |
| • Mgo(%) | 0.94 | 6.0Max |
| • Chloride (%) | 0.009 | 0.10Max |
| • LSF | 0.88 | 0.66 to 1.02 |
| • A/F | 1.32 | 0.66Min |
| Physical (as per IS : 4031-1988) | | |
| • Spec. surface (m ² /kg) | 326 | 225Min |
| Soundness | | |
| • Lechatlier (mm) | 1.0 | 10Max |
| • Autoclave (%) | 0.006 | 0.8Max |
| Setting Time (minutes) | | |
| • Initial | 140 | 30Min |
| • Final | 270 | 600Max |
| Compressive Strength (M. Pa.) | | |
| • 3 days | 32.3 | 23 Min |
| • 7 days | 41.6 | 33 Min |
| • 28 days | U.T. | 43 Min |

A.Mgr (Q.C)

Certified that the cement complies with IS 8112 : 1989

G. M (Q. A)