



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: 13/10/2011

| Particulars | Test Result | Requirement. as per IS 8112 : 1989 |
|---|-------------|--|
| Chemical (as per IS : 4032-1985) | | |
| • LOI (%) | 1.64 | 5.0Max |
| • I. R (%) | 2.78 | 5.0Max |
| • So ₃ (%) | 2.48 | 2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%) |
| • Mgo(%) | 0.83 | 6.0Max |
| • Chloride (%) | 0.012 | 0.10Max |
| • LSF | 0.85 | 0.66 to 1.02 |
| • A/F | 1.34 | 0.66Min |
| Physical (as per IS : 4031-1988) | | |
| • Spec. surface (m ² /kg) | 328 | 225Min |
| Soundness | | |
| • Lechatlier (mm) | 1.0 | 10Max |
| • Autoclave (%) | 0.008 | 0.8Max |
| Setting Time (minutes) | | |
| • Initial | 120 | 30Min |
| • Final | 225 | 600Max |
| Compressive Strength (M. Pa.) | | |
| • 3 days | 30.7 | 23 Min |
| • 7 days | 37.9 | 33 Min |
| • 28 days | 55.5 | 43 Min |

A.Mgr (Q.C)

Certified that the cement complies with IS 8112 : 1989

G. M (Q. A)