



ISO 9001 : 2008
company

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 Dispatch: 16/6/2011

| Particulars | Test Result | Requirement. as per IS 12269 : 1987 |
|---|-------------|--|
| Chemical (as per IS : 4032-1985) | | |
| • LOI (%) | 1.32 | 4.0Max |
| • I. R (%) | 0.82 | 5.0Max |
| • SO ₃ (%) | 2.40 | 2.5% Max (When C ₃ A ≤ 5%) 3.0% Max (When C ₃ A ≥ 5%) |
| • Mgo(%) | 0.93 | 6.0Max |
| • Chloride (%) | 0.015 | 0.10Max |
| • LSF | 0.88 | 0.88 to 1.02 |
| • A/F | 1.37 | 0.66Min |
| Physical (as per IS : 4031-1988) | | |
| • Spec. surface (m ² /kg) | 336 | 225Min |
| Soundness | | |
| • Lechatlier (mm) | 1.00 | 10Max |
| • Autoclave (%) | 0.004 | 0.8Max |
| Setting Time (minutes) | | |
| • Initial | 115 | 30Min |
| • Final | 220 | 600Max |
| Compressive Strength (M. Pa.) | | |
| • 3 days | 31.5 | 27 Min |
| • 7 days | 41.2 | 37 Min |
| • 28 days | U.T. | 53 Min |

A.Mgr (Q.C)

Certified that the cement complies
with IS 12269 : 1987

G. M (Q. A)