



innovative solutions

Torsion Test as per IS 10810 pt 38
Winding Test as per IS 10810 pt 39
Wrapping Test as per IS 10810 pt 3

SANMY

A Unique Machine which conforms to three different test standards. The machine is manufactured as per IS 10810 Pt 38 (**Torsion Test On Galvanized Steel Wires For Armoring.**), IS 10810 Pt 39 (**Winding Test On Galvanized steel Strips For Armoring.**) and IS 10810 Pt 3 (**Wrapping Test For Aluminum Wires**). for wire

During the armoring process and subsequently during laying of the cable, the armor wires are subjected to torsion stress. The test is conducted to evaluate the torsion resistance of the wire. The wire is attached between the two vices and twisted / turned. The no of turns required to break the wire is then noted.

The Instrument consists of following:

- ✚ Two Vices.
- ✚ Heavy Duty Motor
- ✚ Weight attachment to provide tension to sample
- ✚ Attachment for Winding and wrapping Test complete with weight and Mandrels



weights



wrapping



winding