

**Mob:- 8750865452**

In Situ Vane Shear A detachable stand is provided to anchor the instrument. An attachment to securely hold the string of rods is provided.

A calibration curve to convert the dial gauge reading to kg-cm of torque is also supplied.

### **Technical Details**

The equipment consists of a torque applicator assembly mounted on a base, a gear wheel, which is marked in degrees, holds a torque ring and is geared to a crank, the torque ring is a split ring & deforms as torque is applied & the deformation is indicated by a dial gauge. A calibration chart to convert dial gauge readings to torque force in kgs/cm<sup>2</sup> is supplied. A pointer is provided. For registering the rotations of the vane, a detachable stand is provided to anchor the instrument an attachment to securely hold the string of rods is provided the equipment comprises of the following :

- Torque applicator assembly capacity 2000kg/cm<sup>2</sup> with split proving ring & dial gauge 0.002 x 5mm complete with stand
- Vane ( with vane rod ) 37.5mm dia x 75mm high : 1 no
- Vane ( with vane rod ) 50.0mm dia x 100mm high : 1 no
- Torque rod ( square cross section) 0.6mts long : 1 no
- Rods quick couplind type, 1 mtr. long : 25 no
- Rods quick coupling type, ½ mtr. long : 10 no
- Dummy rod, corresponding to 37.5mm dia vane : 1 no
- Dummy rod , corresponding to 50.0mm dia vane : 1 no.