

METHOD STATEMENT

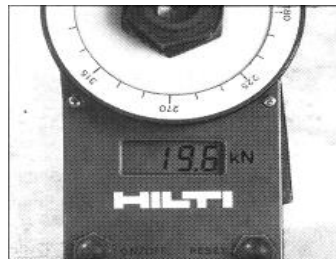
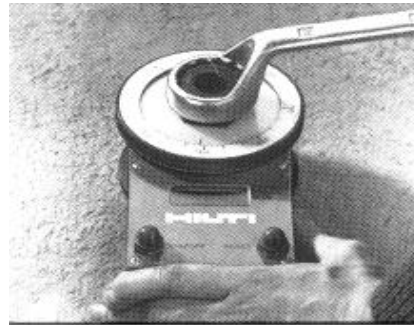
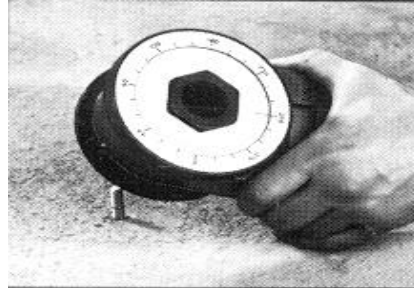
FOR

ANCHOR TESTING

PULL-OUT TEST OF HILTI ANCHORING SYSTEM USING DPG 100 TESTER

A pull out force applied to the anchor by means of a non-destructive resistivity strain gauge. Restricted to anchors with diameter $\leq 20\text{mm}$ and desired load of $\leq 100\text{kN}$.

- 1. Switch on the gauge at the ON/OFF switch. The digits in the display will change rapidly and then remain constant.**
- 2. Connet the gauge to the anchor. Thread adaptor is screwed on and thus connects the anchor to the gauge.
Note: Extension hollow cylinder may be used if necessary for longer protruding anchor.
- 3. Press the reset button to obtain the zero reading on the digital display.**
- 4. Tighten the thread adaptor lightly, by hand.**
- 5. Turn the scale ring to bring the indicator mark in line with the zero on the scale if the movement of the anchor fastening has to be measured.**
- 6. Tighten the thread adaptor until the desired load (kN) is reached by using the ring wrench.**
- 7. Once the reading has stabilized at the desired tensile load (kN), observe that the reading is held for 1 minute before releasing the DPG 100 Test Gauge.**



Validity: 31/12/18