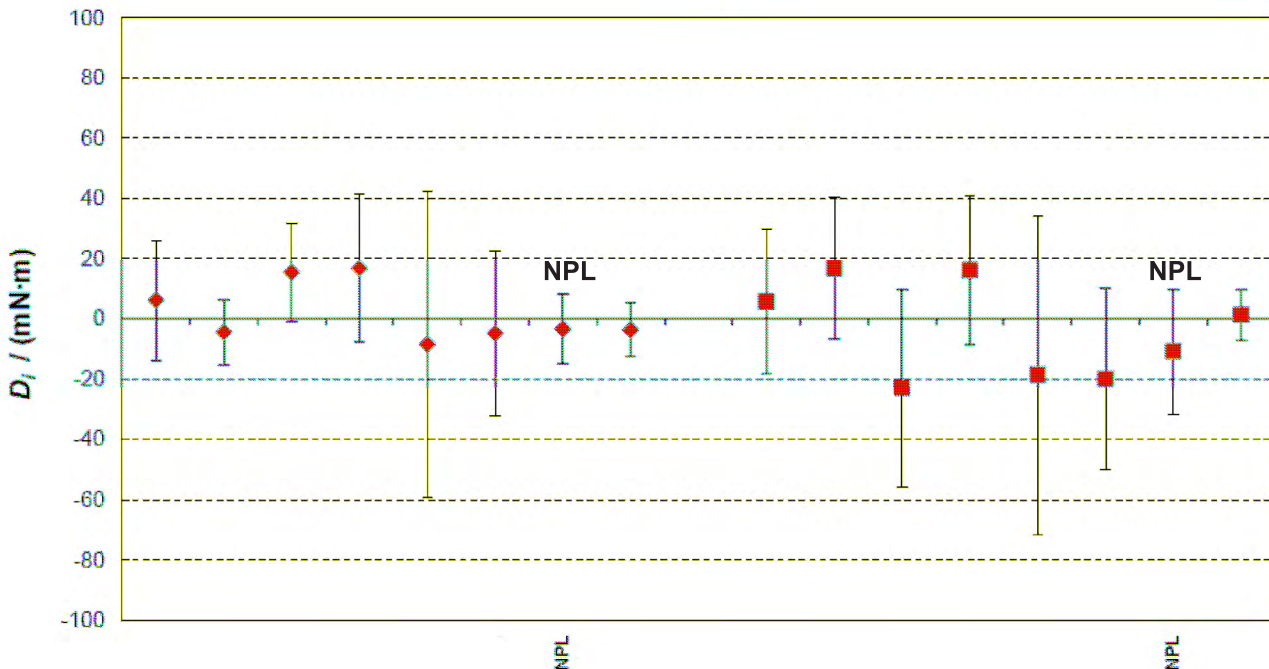


Instrument Performance

This instrument was used in an international torque measurement comparison (CCM.T-k1) that demonstrated its performance in calibrating transducers at torques of 500 N.m and 1 kN.m in both clockwise and anti-clockwise applications. It should be noted that the instrument is capable of operation in the range 1 N.m to 2 kN.m and range of this comparison represents those selected by the comparison organiser rather than the operational range of the instrument.

CCM.T-K1: Nominal torque $T_{nom} = 500 \text{ N}\cdot\text{m}$ (clockwise)
Degrees of equivalence, D_i , and expanded uncertainties ($k = 2$) U_i , expressed in $\text{mN}\cdot\text{m}$
Rhombus: TB2 S/N #044430025/1 $\text{kN}\cdot\text{m}$ | Square: TT1 S/N 36079-01



The other NMI's have been removed. This chart shows the NPL /Morehouse Instrument to be one of the best torque standards in the world.