

# Solutions@Mecmesin

## Closure Torque Tester Validation Check

### Specification

The customer had a number of Tornado closure torque testers and wished to carry out regular validation checks without the need to return the units to either Mecmesin or an approved laboratory.

### Solution

The closure tester was securely mounted in the vertical plain and a load beam was placed centrally in the universal-clamping fixture. The loadbeam had 5 hooks equi-spaced either side of the axis of the transducer. The loadbeam located off the central leadscrew of the clamping fixture ensured centralisation. Calibrated masses were then hung at different positions along the loadbeam and once stabilised the displayed torque reading noted.

This method provided a 5-point check calibration, in both clockwise and counter-clockwise directions, all possible without having to reposition the unit.

### System

- Closure tester support band
- Load beam
- 2 weight hangers
- 5 5N calibrated masses

### Supplied to

Coca-Cola, UK



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