



Correct Use & Care of all the Inspections & Load Test Equipment

Course Duration: 1 ECSA CPD Credit

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We are
WACO



In this CPD session we will cover the history, correct use and maintenance of inspection and test equipment. We will also discuss safety considerations for common types of equipment used by the inspector or LMI during their working day.

In the lifting machinery testing industry there are many different tools and specialized devices that should be used. We have most of them in stock and should you not know how they are used this is the best place to come and learn the correct way. Using equipment incorrectly will lead to incorrect measurements and this could result in equipment failure when in use.

The following equipment will be discussed during the day:

1. Tape measure
2. Laser distance & angle measuring devices
3. Vernier caliper & micrometer
4. Torque wrench
5. Dial indicator
6. Load cell $\square$ scale or compression
7. Test weights & water bags
8. Hydraulic pressure gauge & transducer
9. Multi-meter $\square$ electrical voltage & current
10. Heat measuring $\square$ laser & other
11. NDT test equipment $\square$ magnetic yoke etc

This course will also cover the required record keeping of verification and calibration. Significant research has been invested in the course content and the course facilitator has completed NDE L1 (MPI).

Can a tape measure be calibrated? Bring your answer!