

# Certification Explanation

## CUSTOMER COMMITMENT

Mountz takes the subject of quality seriously – from intricate manufacturing processes to comprehensive laboratory testing of equipment – we strive to meet your requirements every step of the way. Mountz torque equipment is used to assess, control, and improve the quality of our customer's products. The value added by providing premier quality tools is enhanced product reliability and increased customer satisfaction for our business and yours.

## QUALITY STANDARDS

To meet customer requirements, we begin with compliance to stringent, world-class quality standards.

- Mountz is an ISO 9001 and ISO 17025 registered company.
- Design and testing of all hand tools conforms to requirements of ISO 6789, as specified.
- Laboratory operations and calibrations meet the requirements of ANSI/NCSL Z540-1.

## CALIBRATION SERVICES

Mountz offers calibration services for all of our own equipment, as well as models from most other manufacturers. The certificate supplied with each calibration has been revised to include new content and an easy-to-read modular format. All calibrations are performed using NIST-Traceable standards, and meet the requirements of ANSI/NCSL Z540.

## SUPPLIER

Identifies name and location of laboratory issuing certificate as well as certificate number.

## EQUIPMENT TESTED

Easy identification of tool type, maximum capacity, serial number, and accuracy. Also indicates arrival condition of tool, service performed, calibration date, interval, and due date.

## STANDARDS USED

Identifies procedure and equipment used to perform the calibration, as well as test accuracy ratio.

## MEASUREMENT DATA

Gives the nominal point(s) at which the tool was tested, tolerances, actual measurement before adjustment and after, environmental conditions during test, and other associated data.

## CERTIFICATION

Section for approval of certificate content by authorized signatories. Also includes statement of compliance with relevant calibration standards and NIST-Traceability.

## EXTERNAL TRANSDUCERS

In the case of external transducer and display systems, it is preferable and sometimes required that all parts of a system be calibrated together. When purchasing external transducers, the Certificate of Calibration can only be supplied where transducers are purchased and calibrated together with a display monitor as a complete measuring system. Otherwise, only a certificate indicating transducer performance to specification is supplied, and calibration of the transducer to a display unit is still required for proper operation.

External transducers submitted to the Laboratory for "after-sale" calibration service without a display unit, will be calibrated using an equivalent calibrated display held in the laboratory whenever possible. Otherwise, the customer will be contacted to deliver their display unit when required to complete the calibration process.

## CALIBRATION INTERVALS

In order to maintain accuracy, it is crucial that torque control and measuring equipment be calibrated regularly. We recommend general six (6) month calibration intervals. However, it is the user's organization that must determine suitable interval frequencies commensurate with their needs based upon many factors such as history of equipment performance, application, degree of usage, and management objectives.



## CERTIFICATION

All Mountz analyzers and transducers are supplied with a NIST-Traceable Certification of Calibration.



## CERTIFICATE OF CALIBRATION

This symbol identifies the products that are supplied with NIST-Traceable Certification of Calibration.

Seq.	Description	Nominal	Tolerance -	Tolerance +	As Found	As Left
1	Power Reading 1	30.00	±0.00	±0.00	30.00	30.00
2	Power Reading 2	30.00	±0.00	±0.00	30.00	30.00
3	Power Reading 3	30.00	±0.00	±0.00	30.00	30.00