



CALIBRATION AND MEASUREMENT FUNDAMENTALS COURSE

This one-day fully interactive course covers general metrological terms, definitions and explains practical concept applications involved in calibration and measurements. The course is recommended for technical officers and laboratory technicians working in all industry sectors and involved in measurements and calibration process.

Course Objectives

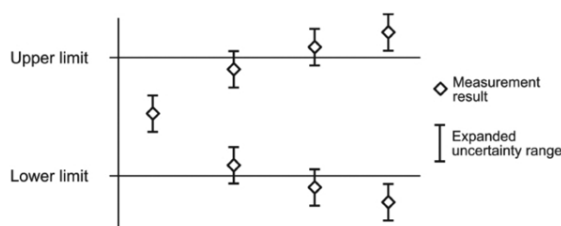
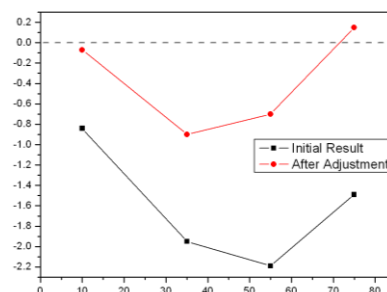
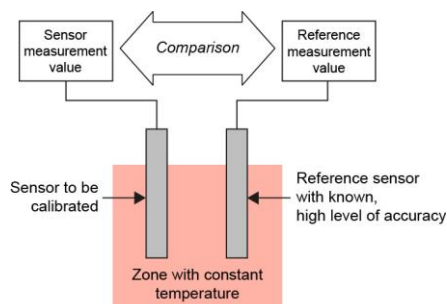
The course will provide you with the knowledge and skills to:

- develop an understanding of calibration and measurement fundamentals
- understand how to interpret the information on calibration reports
- evaluate whether equipment is fit-for-purpose
- evaluate the suitability of in-house checks on reference equipment

Course Outline

The topics covered include:

- metrological definitions and terms
- common measurement parameters and influence factors
- measurement strategy and principles of measurement
- the importance of calibration to measurement
- traceability concept
- calibration vs adjustment
- practical application of measurement uncertainty
- in-house checks on reference equipment
- test data analysis



Course Details

Venue

The available dates and venues are on our [website](#).

Fee / Inclusions

Check the NMI [website](#) for current pricing.

All classes include a copy of Monograph 3 – Traceable Measurements.

Face-to-face classes include lunch and refreshments.

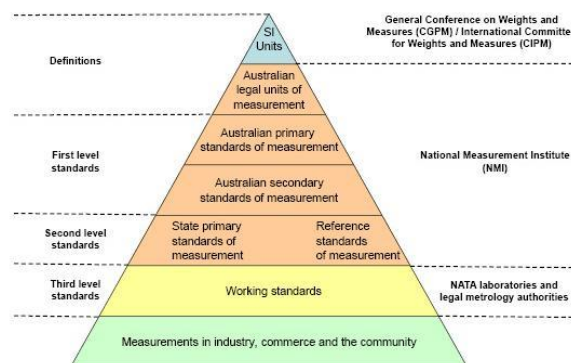
Time

Face-to-face course will start at 9 am and will finish by 5 pm.

Online course delivered in 2 sessions: 9 am – 11:30 am and 1pm – 3:30 pm

Related courses

Course name	Duration	Dates
Introduction to estimating measurement uncertainty	1-day	See NMI website



Contact us

Phone (02) 8467 3796, or send an email to training@measurement.gov.au. For more information about the National Measurement Institute, visit our [website](#).

