BRC Training Course

Measurement Uncertainty

Course Description

This one-day course teaches a practical approach to measurement uncertainty applications for testing and calibration laboratories. Topics include the steps required, accepted practices, and the types of uncertainties that need to be considered by accredited laboratories.

Who Should Take It

Laboratory management or technical staff responsible for uncertainties.

Learning Objectives

Through a combination of presentation, discussion and in-class exercises, participants will understand:

- The definitions and key concepts relevant to Measurement Uncertainty.
- Identifying Uncertainty sources.
- Quantifying Uncertainty.
- Combined Uncertainty Calculation.
- Reporting Uncertainty.
- The difference between Calibration and Measurement Capability (CMC) and Measurement Uncertainty (MU).

Prerequisites

Attendees should have some experience working in a laboratory environment. Some introductory knowledge of the concepts and techniques related to measuring uncertainty would be helpful.

Location

On-Site

Duration

1 Day