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Explaining Measurement Uncertainty to the Clients of Laboratories

Helping Clients and Regulators Understand Uncertainty

One-half Training Day

What?

Understand the uses and application of measurement uncertainty in the interpretation of lab testing and calibration results. Learn why this technical requirement is important in competent laboratories.

Who?

For all clients of testing and calibration laboratories and persons working in regulatory agencies that interpret laboratory results. Topics include:

- Understanding the concept
- Its effect on lab competence
- Its effect on traceability of laboratory measurements
- Its effect on interpretation of results

How?

This ½-day Training Course is offered by CALA and examines the application and uses of uncertainty of measurement in testing and calibration laboratory results. It contains easy-to-understand concepts surrounding uncertainty.

The course contains extensive reference to the Canadian and international interpretation and implementation guidance documents which are used by accredited laboratories.

Syllabus (one-half day - 4 hours)

Introduction and Objectives

- Course Aims
- Approaches to Learning

Background

- What is “Uncertainty?”
- Competence in a Laboratory

Uncertainty and Traceability

- Intertwined Concepts
- Traceability and Competence

- - Break (15 minutes) - -

Requirements from the Standard

- Reporting the Results
- Interpreting the Data
- Regulatory Concerns
- Understanding Limits

Call us at (613) 233-5300

or

Visit <http://caal.dameco.com/Coursesoffered.asp> for this course on line