



MEASUREMENT UNCERTAINTY

Scope : CALIBRATION play a vital role for establishing valid traceability for both products and the processes. Indian Industries opting for ISO 9000 accreditation require to establish a Calibration System. Calibration System requires proper documentation with Calibration results with statement of Measurement Uncertainty at a defined confidence level. As per National / International Norms, no measurement result is complete without the statement of uncertainty & confidence level.

Objective:

This course aims at understanding of uncertainty concept & its application in measurement. After attending this course, participants will be a position to interpret Calibration certificate, received from higher Laboratory. In addition, they will be in a position to calculate Measurement Uncertainty in their day to day Calibration work.

Duration : 1 day

WHO SHOULD ATTEND THIS COURSE:

Technicians / Supervisors / Engineers involved in Testing, Measurement / Calibration & QA activities in Industry and service organizations

TOPICS:

- Error & its classification.
- Uncertainty & Confidence Level.
- Type A & Type B uncertainty Classification & Mathematical Interpretation.
- Case studies.