

TRAINING COURSE

ISO/IEC 17025 (GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES) AWARENESS COURSE

This course will enable participants to gain an awareness of ISO/IEC 17025: 2017 and its function, as a framework for demonstrating competence and to gain an understanding of conformity.

- Target Audience – Personnel involved in testing and calibration activities
- Duration – Three days

Benefits of Course

ISO/IEC 17025 is applicable to all organisations performing laboratory activities such as testing, calibration and sampling, regardless of the number of personnel. It states the general requirements for the competence, impartiality and consistent operation of laboratories. This training course provides an introduction to a laboratory management system based on the principles of ISO/IEC 17025. This international standard contains requirements for laboratories enabling them to operate competently and to generate valid and reliable results. Laboratories conforming to ISO/IEC 17025 will subsequently also operate in accordance with the principles of ISO/IEC 9001.

Learning objectives

By the end of the course, the participants will be able to:

- i. appreciate the scope, structure and contents of ISO/IEC 17025
- ii. discuss the concepts and principles behind ISO/IEC 17025: 2017
- iii. appreciate the benefits and relevance of conforming to ISO/IEC 17025: 2017
- iv. understand how to meet the requirements of ISO/IEC 17025: 2017
- v. comprehend the laboratory accreditation process
- vi. recognise the important differences between ISO/IEC 9001 certification and ISO/IEC17025 accreditation.

Who should attend?

Knowledge of ISO/IEC 17025 is particularly useful to laboratory customers, regulatory authorities, accreditation bodies and other various stakeholders who use it to confirm or recognise the competence of laboratories.

- ✓ Managers having a role in maintain and improving a laboratory's management system
- ✓ Personnel and operators conducting testing, sampling and calibration activities and quality and support functions
- ✓ Professionals including engineers, architects, scientists, etc... who either work in a

laboratory environment or who regularly make use of test/calibration results

- ✓ Organisations having in-house laboratories
- ✓ Personnel from public and regulatory authorities involved with laboratory activities
- ✓ Other stakeholders involved with laboratory activities Academic staff and students interested in laboratory procedures and activities

Certificate of participation will be awarded to participants

For further queries please send to: info.mln@gov.mt