

# ISO/IEC 17025:2017 UNDERSTANDING & IMPLEMENTING



Duration: 2 Days

## PROGRAM OVERVIEW

ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories, is the international reference for testing and calibration laboratories wanting to demonstrate that they operate competently and generate technically valid results. This provides confidence both nationally and internationally. Test reports and certificates can be accepted from one country to another without the need for further testing, which, in turn, facilitate international trade.

ISO/IEC 17025 can be used by any organization that performs testing, sampling or calibration. This includes all types of laboratories, first party, second party and third party. The standard is useful to universities, research institutions, governments, regulators, inspection bodies, product certification organizations and other conformity assessment bodies where testing, sampling or calibration is required.

## OBJECTIVES

- To understand conformity assessments standards
- To appreciate the importance of laboratory accreditation
- To understand and apply the requirements of ISO/IEC 17025 to laboratory operations.

## COURSE CONTENTS

- Conformity assessments and CASCO
- Recognition in laboratory accreditation.
- Understanding the requirements of the standard.
- Impartiality and confidentiality.
- Structure of organization.
- Resources – personnel, environment and facilities, equipment, externally provided sources.
- Laboratory processes – contract review, sample handling, equipment management, method selection and validation, measurement traceability, quality control, nonconformance, reporting, complaints.
- Management systems – Option A and Option B.

## WHO SHOULD ATTEND?

- Management and technical staff of laboratories of all disciplines, Managers, Executives and Engineers.
- Professionals who are directly or indirectly users of test results.

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