

“Gain the Confidence to Make the Right Conformity Assessment Decisions”

Course Duration: 2 days

Introduction

The ISO/IEC 17025:2017 accreditation standard mandates that laboratories establish and document decision rules for making conformance statements in test reports, explicitly considering measurement uncertainty.

This training workshop is specially designed to provide participants with a comprehensive understanding of conformity assessment approaches, enabling them to make valid interpretations in specification conformity and regulatory compliance assessments.

Course Objective:

This workshop aims to equip participants with the knowledge and skills to:

- Understand the ISO/IEC 17025 requirements for conformity assessment.
- Develop and apply decision rules based on statistical techniques for making accurate statements of conformity or compliance.

Who Should Attend:

This workshop is ideal for professionals responsible for ISO/IEC 17025 implementation and the daily operation of laboratory quality management systems, including:

- Laboratory Directors
- Laboratory Managers
- Quality Managers

Outcomes:

Upon completion of this workshop, participants will be able to:

- Understand the ISO/IEC 17025 requirements for conformity assessment.
- Define a statement of conformity in test reports.
- Define a decision rule.
- Explain the requirements stated in ISO 17025 related to decision rules.
- Define and specify a decision rule for conformity assessment.

- Reporting chemists

Course Content:

The workshop covers key areas, including:

- ISO/IEC 17025 requirements on conformity assessment
- Statistical tools in conformity assessment
- Processes and approaches to conformity assessment
- Conformity assessment using guard bands
- Hypothesis testing in conformity assessment

Prerequisites:

Familiarity with ISO/IEC 17025:2017 and basic knowledge in statistical evaluation of data might be beneficial

