

## Understanding the Requirements of ISO/IEC 17025:2017 for Laboratory Management Systems



**Course Duration: 2 Days - 8 Hours/day**

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## Seminar Content

This two-day seminar serves as an overview, and upgrade, of the new ISO/IEC 17025:2017 International Standard, which is the recognized international requirements for the competence of testing and calibration laboratories. The technical requirements for laboratories are enhanced by the use of a management system that incorporates the requirements of ISO 9001:2015.

The acceptance of testing and calibration results between countries and industries should be facilitated if laboratories want to comply with this International Standard. The use of this standard will facilitate cooperation between laboratories and other bodies and assist in the exchange of information and experience, standards and procedures.

## Learning Objectives

- ❖ Present requirements for a competent and compliant calibration/test laboratory.
- ❖ Compile examples of documentation required for demonstrating compliance system.
- ❖ Understand basics for implementing a sound laboratory system from quality, calibration, and test perspectives.
- ❖ Understand the latest changes to the ISO/IEC 17025 International Standard

## Seminar Outline

### Day 1

- ❖ Introduction and Welcome
- ❖ Introduction to ISO/IEC 17025:2017
- ❖ What's Changed and Improved
- ❖ Overview of ISO/IEC 17025:2017 Requirements
- ❖ Group Exercises: Audit Scenarios (cont'd)

### Day 2

- ❖ Overview of ISO/IEC 17025:2017 Requirements (cont'd)
- ❖ Group Exercises: Audit Scenarios (cont'd)

## Who Should Attend

This seminar is designed for laboratory managers, responsible company/corporate management, lab personnel, persons responsible for documenting, implementing, maintaining, or auditing the laboratory systems; and 2nd or 3rd party auditors.

## Seminar Materials

Each participant will receive a seminar manual and an exercise workbook.

## Pre-Requisite

General knowledge of functional management, quality systems, and laboratory practices is necessary. An understanding of the ISO/IEC 17025:2005 and/or ISO/IEC 17025:2017, as well as ISO 9001:2015 requirements and/or work experience in applying ISO/IEC 17025, is recommended.

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