



UNDERSTANDING & IMPLEMENTATION OF ISO 17025:2017

Understanding & Implementation of Laboratories Quality Management System (LQMS) ISO 17025 : 2017

Description

Program #: **MSP-007**

Learn everything you need to know about ISO 17025 laboratory accreditation. We'll take you through every stage of the certification journey on our ISO 17025 Implementation. Start with a detailed overview of the standard and its requirements. And discover how to meet these in your laboratory by implementing an ISO 17025 quality control system. Our experts will also explain auditing techniques so you can maintain accreditation by monitoring, assessing and improving performance.

Who Should Attend ?

- Those responsible for maintaining and achieving laboratory accreditation
- Those who manage laboratory support functions, testing and operations
- Technicians and laboratory staff who need to understand ISO 17025

Learning Objectives

- The requirements and scope of the ISO 17025 standard
- How to meet the requirements of ISO 17025
- The principles and application of quality control
- Understand the laboratory accreditation process
- How to monitor and continually improve quality control processes

Outcomes

- Qualified ISO 17025 experts working in your laboratory
- Confidence in continuing compliance with ISO 17025
- More efficient and accurate testing and calibration processes
- Increased stakeholder trust in your quality control
- Recall the differences between registration, certification and accreditation
- List the steps in the EGAC accreditation process
- Implement ISO/IEC 17025:2017 through key word recognition
- Identify the documents and records required by ISO/IEC 17025:2017, and
- Describe the EGAC policies for Traceability, Proficiency Testing and Advertising

Prerequisites

- None

Training Place

- In site training
- As NCV schedule

Content

- Scientific Material (**Hardcopy**)
- Attendance Certificate from **NCV**

Duration

- 3 Days

Language

- Arabic / English



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Agenda

Day 1: Introduction to Laboratory accreditation

- Course Introduction
- Registration vs. Accreditation vs. Certification
- Mutual Recognition Arrangements
- EGAC Accreditation Process
- ISO 17025 history
- Management and leadership skills for the lead implementer to organize all the quality activities of the laboratory

Day 2: ISO 17025:2017 What the Standard Requires

- Interpretation, explanation and techniques of implementation of Quality System Management, Requirements of ISO/IEC 17025:2017
- Documentation and validation of laboratory's testing methods and measurements
- Personnel training and authorization
- Document control
- Contracts with customers
- Purchasing quality-critical services and supplies
- Handling complaints and non-conforming work
- Risk Management Methods
- Records maintenance
- Test and calibration procedures
- Equipment calibration and maintenance
- Traceability to the SI
- Sample preparation

Day 3: ISO 17025:2017 What the Standard Requires (Cont.)

- Quality control programs
- Examples of measurement of uncertainty
- Internal auditing and management review processes
- Test and calibration reports
- EGAC Specific Requirements