

ISO 17025 Introduction Course

Course Duration: 8 Hrs.

Course Code: ISO17025-INT

Course Overview

The ISO 17025 Introduction Course provides participants with a foundational understanding of the requirements and principles of ISO/IEC 17025, the international standard for testing and calibration laboratories. The course is designed to familiarize learners with the standard's structure, key concepts, and the importance of maintaining competence, reliability, and quality in laboratory operations.

What you'll learn?

Participants will learn the essential requirements of ISO 17025, including management and technical requirements, laboratory quality assurance, and the importance of maintaining accurate and reliable testing and calibration results. The course also covers the benefits of implementing the standard to enhance laboratory performance and credibility.

Target Audience

This course is suitable for laboratory managers, quality managers, technical staff, auditors, and professionals involved in testing, calibration, or laboratory operations. It is also ideal for individuals seeking a foundational understanding of ISO 17025 to prepare for further training or implementation.

Pre-Requisites

There are no formal prerequisites for this course. However, a basic understanding of laboratory operations, quality management systems, or

testing and calibration processes will help participants grasp the content more effectively.

Course Content

Module 1: Introduction to ISO/IEC 17025 and Laboratory Quality Management

Module 2: Structure, Scope, and Key Concepts of the Standard

Module 3: Management Requirements for Laboratories

Module 4: Technical Requirements for Testing and Calibration

Module 5: Quality Assurance, Competence, and Validation

Module 6: Benefits and Implementation of ISO 17025

Module 7: Case Studies and Practical Examples

