



ISO/IEC 17025 Laboratory Management System Certification Training Course



AGILE LEADERS
Training Center



ISO/IEC 17025 Laboratory Management System Certification Training Course

Course Overview

The course provides professionals with essential skills to implement, manage, and assess laboratory systems per ISO/IEC 17025 standards. Participants will explore key aspects of laboratory accreditation, compliance, and quality assurance to optimize operations in testing and calibration laboratories.

This course covers ISO 17025 certification requirements, laboratory quality management, and compliance strategies. Whether pursuing ISO/IEC 17025 Foundation Training, Lead Implementer Training, or Lead Assessor Certification, participants gain the expertise needed for global accreditation.

Target Audience

- Laboratory Managers
- Quality Assurance Professionals
- Calibration and Testing Technicians
- ISO/IEC 17025 Auditors
- Compliance Officers
- Regulatory Affairs Professionals
- Research and Development Professionals
- Certification and Accreditation Consultants

Targeted Organizational Departments

- Quality Assurance and Compliance
- Laboratory Management and Operations
- Research and Development
- Regulatory Affairs
- Calibration and Testing Units
- Internal Audit Teams

Targeted Industries

- Pharmaceuticals and Biotechnology
- Healthcare and Medical Laboratories
- Environmental Testing
- Food and Beverage Industry
- Chemical and Petrochemical Industry
- Electrical and Mechanical Calibration Laboratories
- Construction and Materials Testing
- Automotive and Aerospace Testing Laboratories

Course Offerings

By the end of this course, participants will be able to:

- Understand ISO/IEC 17025 certification requirements and implementation strategies.
- Implement an effective laboratory management system training program.
- Conduct ISO 17025 compliance training for laboratory staff.
- Master laboratory accreditation processes and regulatory compliance.
- Gain expertise in ISO 17025 lead auditor training.
- Conduct internal audits for laboratory quality assurance.
- Understand ISO 17025 testing laboratory training methodologies.
- Improve laboratory calibration and proficiency testing processes.
- Lead and manage ISO 17025 accreditation training courses for professionals.

Training Methodology

- Instructor-led training sessions covering key ISO/IEC 17025 training concepts.
- Case studies highlighting real-world laboratory accreditation challenges.
- Interactive group discussions to reinforce ISO 17025 compliance strategies.
- Hands-on workshops covering laboratory quality management practices.
- Mock audits and assessments for practical implementation of ISO 17025 auditor training.
- Online ISO 17025 certification modules for flexible learning.

Course Toolbox

- ISO/IEC 17025 training manuals and guides
- Case studies and real-world examples
- ISO 17025 certification process checklists
- Laboratory compliance and quality management templates
- Access to an online resource library with training videos
- Sample ISO 17025 audit reports and compliance documents

Course Agenda



Day 1: Introduction to ISO/IEC 17025 and Laboratory Management Systems

- **Topic 1:** Overview of ISO/IEC 17025 and its Importance
- **Topic 2:** Key Principles of Laboratory Accreditation
- **Topic 3:** Understanding Laboratory Quality Management Systems
- **Topic 4:** Compliance Requirements and Regulatory Framework
- **Topic 5:** Documentation and Record-Keeping Essentials
- **Topic 6:** Roles and Responsibilities in Laboratory Management
- **Reflection & Review:** Key Takeaways and Discussion

Day 2: ISO/IEC 17025 Requirements and Implementation Strategies

- **Topic 1:** Understanding Management System Requirements
- **Topic 2:** Technical Requirements for Laboratories
- **Topic 3:** Risk-Based Thinking in ISO/IEC 17025
- **Topic 4:** Implementing a Quality Culture in Laboratories
- **Topic 5:** Preparing for ISO/IEC 17025 Certification
- **Topic 6:** Internal Auditing and Continuous Improvement
- **Reflection & Review:** Best Practices and Case Studies

Day 3: Laboratory Accreditation Process and Auditing Techniques

- **Topic 1:** Steps in the ISO/IEC 17025 Accreditation Process
- **Topic 2:** Proficiency Testing and Calibration Methods
- **Topic 3:** Conducting a Gap Analysis for Compliance
- **Topic 4:** Effective Audit Planning and Execution
- **Topic 5:** Common Non-Conformities and How to Address Them
- **Topic 6:** Root Cause Analysis and Corrective Actions
- **Reflection & Review:** Interactive Q&A Session

Day 4: Quality Assurance and Laboratory Best Practices

- **Topic 1:** Developing a Strong Quality Assurance Program
- **Topic 2:** Data Integrity and Laboratory Information Management Systems
- **Topic 3:** Personnel Competency and Training Requirements
- **Topic 4:** Equipment Calibration and Maintenance
- **Topic 5:** Test Methods Validation and Measurement Uncertainty
- **Topic 6:** Customer Satisfaction and Service Excellence
- **Reflection & Review:** Lessons Learned and Best Practices



Day 5: Final Assessment and Continuous Improvement

- **Topic 1:** Conducting Effective Management Reviews
- **Topic 2:** Maintaining Compliance Post-Certification
- **Topic 3:** Handling Complaints and Implementing Corrective Actions
- **Topic 4:** Future Trends and Advancements in ISO/IEC 17025
- **Topic 5:** Final Case Study and Practical Application
- **Topic 6:** Certification Exam Preparation and Next Steps
- **Reflection & Review:** Course Recap and Action Plan

FAQ

- **What specific qualifications or prerequisites are needed for participants before enrolling in the course?**

Participants should have a basic understanding of laboratory processes, quality management systems, or regulatory compliance. However, no prior certification is required for entry-level courses.

- **How long is each day's session, and is there a total number of hours required for the entire course?**

Each session is structured to last approximately 4-5 hours per day, totaling around 20-25 hours over five days.

- **What are the benefits of obtaining an ISO/IEC 17025 certification?**

Achieving ISO/IEC 17025 certification enhances laboratory credibility, improves testing accuracy, increases business opportunities, and ensures compliance with international regulatory standards.

How This Course is Different from Other ISO/IEC 17025 Courses

Our ISO/IEC 17025 Laboratory Management System Certification Training Course offers a unique blend of ISO 17025 auditor training, lead implementer techniques, and practical proficiency testing. Participants will engage in real-world case studies, hands-on workshops, and interactive modules, gaining essential insights into ISO 17025 accreditation, laboratory compliance, and quality control. With online training options, personalized mentorship, and an internationally recognized certification, this program is ideal for professionals looking to enhance their careers in laboratory management, auditing, and accreditation.



Training Course Categories

Agile PM and Project Management Training Courses

Certified Courses By International Bodies

Communication and Public Relations Training Courses

Data Analytics Training and Data Science Courses

Environment & Sustainability Training Courses

Finance and Accounting Training Courses

Governance, Risk and Compliance Training Courses

Human Resources Training and Development Courses

IT Security Training & IT Training Courses

Leadership and Management Training Courses

Legal Training, Procurement and Contracting Courses

Maintenance Training and Engineering Training Courses

Marketing, Customer Relations, and Sales Courses

Occupational Health, Safety and Security Training Courses

Personal & Self-Development Training Courses

Quality and Operations Management Training Courses

Secretarial and Administration Training Courses



Training Cities

Abu Dhabi UAE	Accra Ghana	Al Jubail Saudi Arabia
Amman Jordan	Amsterdam Netherlands	Athens Greece
Baku Azerbaijan	Bangkok Thailand	Barcelona Spain
Berlin Germany	Cairo Egypt	Cape town South Africa
Casablanca Morocco	Chicago USA	Doha Qatar
Dubai UAE	Frankfurt Germany	Geneva Switzerland
Istanbul Turkey	Jakarta Indonesia	Johannesburg South Africa
Kuala Lumpur Malaysia	Kuwait Kuwait	Langkawi Malaysia
Lisbon Portugal	London UK	Madrid Spain
Manama Bahrain	Marbella Spain	Milan Italy
Montreux Switzerland	Munich Germany	Muscat Oman
Nairobi Kenya	New York USA	Paris France
Phuket Thailand	Porto Portugal	Prague Czech Republic



Training Cities

Riyadh

Saudi Arabia

Rome

Italy

San Diego

USA

Seoul

South Korea

Sharm El-Sheikh

Egypt

Singapore

Singapore

Tashkent

Uzbekistan

Tbilisi

Georgia

Tokyo

Japan

Toronto

Canada

Trabzon

Turkey

Vienna

Austria

Zanzibar

Tanzania

Zoom

Online Training

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



AGILE LEADERS
Training Center

CONTACT US

 UAE, Dubai Investment Park First

 +971585964727
+447700176600

 sales@agile4training.com