



دورة تدريبية لشهادة الأيزو 17025 لنظام إدارة المختبرات

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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

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

Day 2: ISO/IEC 17025 Requirements and Implementation Strategies

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

Day 3: Laboratory Accreditation Process and Auditing Techniques

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

Day 4: Quality Assurance and Laboratory Best Practices

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

Day 5: Final Assessment and Continuous Improvement

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

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.



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أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

مدن التدريب



جاكرتا - جمهورية اندونيسيا



تبليسي - جورجيا



بوكيت - تايلاند



برشلونة - إسبانيا



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



جنيف - سويسرا



شهر الشيخ - قطر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة الأمريكية



زنجبار - تنزانيا



طوكيو - اليابان



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة الأمريكية

مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المهلكة الدرعية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

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

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