PECB BEYOND RECOGNITION



PECB Certified ISO/IEC 17025
Lead Assessor

Master the Assessment of Testing and Calibration Laboratories based on ISO/IEC 17025

Why should you attend?

The ISO/IEC 17025 Lead Assessor training enables you to effectively lead a laboratory towards the ISO/IEC 17025 accreditation by enhancing your understanding of the laboratory's quality, administrative and technical operations. This training course will equip you with the necessary skills and expertise to plan and lead an ISO/IEC 17025 accreditation assessment.

Based on practical exercises, you will be able to master the assessment techniques and become competent to assess the compliance of laboratories with ISO/IEC 17025 requirements.

After mastering the necessary concepts related to the requirements of this standard, you can sit for the exam and apply for a "PECB Certified ISO/IEC 17025 Lead Assessor" credential. By holding a PECB Lead Assessor Certificate, you will demonstrate that you have the capabilities to assess the competence of Testing and Calibration Laboratories to provide reliable results based on best practices.



Who should attend?

- Individuals seeking to perform and lead an accreditation assessment of testing and calibration laboratories
- Managers or consultants seeking to master an ISO/IEC 17025 accreditation assessment
- Laboratory technicians responsible for maintaining conformance to ISO/IEC 17025 requirements
- Technical experts seeking to prepare for a testing, sampling and/or calibration laboratory accreditation assessment

Course agenda

Duration: 5 days

Day 1 | Introduction to Laboratory Management Systems (LMS) and ISO/IEC 17025

- Course objectives and structure
- Standards and regulatory frameworks
- Accreditation process
- Fundamental concepts of ISO/IEC 17025
- Laboratory Management System (LMS)

Day 2 | Principles, preparation and launching of an assessment

- Assessment concepts and principles
- Assessment approach based on evidence and risk
- Initiating the assessment
- Stage 1 assessment
- Preparing the stage 2 assessment (on-site assessment)

Day 3 | On-site assessment activities

- Stage 2 assessment
- Communication during the assessment
- Assessment procedures
- Creating test plans
- Drafting assessment findings and nonconformity reports

Day 4 | Closing the assessment

- Assessment documentation and quality assurance
- Closing the assessment
- Evaluation of action plans by the assessor
- Following the initial assessment
- Managing an internal audit programme
- Competence and evaluation of assessors
- Closing the training

Day 5 | Certification Exam



Learning objectives

- Learn how to interpret the requirements of ISO/IEC 17025
- Understand the operations of testing and calibration laboratories based on ISO/IEC 17025
- Acknowledge the correlation between ISO/IEC 17025, ISO 9001 and other standards and regulatory frameworks
- Understand the assessor's role in planning, leading, and following-up on assessments and accreditation

Examination

Duration: 3 hours

The "PECB Certified ISO/IEC 17025 Lead Assessor" exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competency domains:

Domain 1 | Fundamental principles and concepts of a Laboratory Management System (LMS)

Domain 2 | Laboratory Management System (LMS)

Domain 3 | Fundamental concepts and principles of assessment

Domain 4 | Preparation of an ISO/IEC 17025 assessment

Domain 5 | Conducting an ISO/IEC 17025 assessment

Domain 6 | Closing an ISO/IEC 17025 assessment

Domain 7 | Managing an ISO/IEC 17025 internal audit program

For more information about exam details, please visit Examination Rules and Policies.



Certification

After successfully completing the exam, you can apply for the credentials shown on the table below
You will receive a certificate once you comply with all the requirements related to the selected credential

For more information about ISO/IEC 17025 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	MS assessment experience	Other requirements
PECB Certified ISO/IEC 17025 Provisional Assessor	PECB Certified ISO/IEC 17025 Lead Assessor exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 17025 Assessor	PECB Certified ISO/IEC 17025 Lead Assessor exam or equivalent	**Two years:** One year of work experience in Laboratory Management	Assessment activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 17025 Lead Assessor	PECB Certified ISO/IEC 17025 Lead Assessor exam or equivalent	**Five years:** Two years of work experience in Laboratory Management	Assessment activities: a total of 300 hours	Signing the PECB Code of Ethics

General information

- Certification and examination fees are included in the price of the training course
- Training material containing over 450 pages of information and practical examples will be distributed
- A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued
- In case of exam failure, you can retake the exam within 12 months free of charge