



# PECB



## 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              |
|--|---|--|---|---------------------------------|
| <b>PECB Certified ISO/IEC 17025 Provisional Assessor</b> | PECB Certified ISO/IEC 17025 Lead Assessor exam or equivalent | None   | None  | Signing the PECB Code of Ethics |
| <b>PECB Certified ISO/IEC 17025 Assessor</b>             | PECB Certified ISO/IEC 17025 Lead Assessor exam or equivalent | <b>Two years:</b> One year of work experience in Laboratory Management   | Assessment activities: a total of 200 hours | Signing the PECB Code of Ethics |
| <b>PECB Certified ISO/IEC 17025 Lead Assessor</b>        | PECB Certified ISO/IEC 17025 Lead Assessor exam or equivalent | <b>Five years:</b> Two years of work experience in Laboratory Management | Assessment activities: a total of 300 hours | Signing the PECB Code of Ethics |

## General information

- Certification fees are included on the exam price
- 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