



PECB



PECB Certified ISO 13053 Lead Auditor

Master the Audit of Six Sigma Processes based on ISO 13053

Why should you attend?

ISO 13053 Lead Auditor training enables you to develop the necessary expertise to audit Six Sigma processes by applying widely recognized audit principles, procedures and techniques. During this training course, you will acquire the knowledge and skills to plan and carry out internal and external audits in compliance with ISO 19011 and ISO/IEC 17021-1 certification process.

Based on practical exercises, you will be able to master audit techniques and become competent to manage a Six Sigma audit, audit team, and enhance customer satisfaction and process improvement.

After acquiring the necessary expertise to perform this audit, you can sit for the exam and apply for a "PECB Certified ISO 13053 Lead Auditor" credential. By holding a PECB Lead Auditor Certificate, you will demonstrate that you have the capabilities and competencies to audit organizations based on best practices.



Who should attend?

- Auditors involved in the assessment of organizations process improvement techniques
- Managers or consultants seeking to master the audit of Six Sigma processes or projects
- Individuals responsible for integrating Six Sigma recommendations within an organization
- Technical experts seeking to prepare for a Six Sigma audit

Course agenda

Duration: 5 days

Day 1 | Introduction to Six Sigma and ISO 13053

- Course objective and structure
- Standard and regulatory framework
- ISO 13053 Audit
- Quantitative methods in process improvement Six Sigma

Day 2 | Audit principles, preparation and launching of an audit

- Fundamental audit concepts and principles
- Audit approach based on evidence and risk
- Initiating the audit
- Stage 1 Audit
- Preparing the stage 2 Audit (on-site audit)
- Stage 2 Audit (Part 1)

Day 3 | On-site audit activities

- Stage 2 Audit (Part 2)
- Communication during audit
- Audit procedures
- Creating audit test plans
- Drafting audit findings and non-conformity reports

Day 4 | Closing the audit

- Documentation of the audit and its review
- Closing the audit
- Evaluating the action plans by the auditor
- Managing an internal audit program
- Competence and evaluation of auditors
- Closing the training

Day 5 | Certification Exam



Learning objectives

- Understand the operations of Six Sigma processes based on ISO 13053
- Acknowledge the correlation between ISO 13053, ISO 9001 and other standards and regulatory frameworks
- Understand an auditor's role to: plan, lead and follow-up on an audit
- Learn how to assess the process improvement techniques employed by organizations
- Learn how to interpret the recommendations of ISO 13053 in the context of a Six Sigma audit

Examination

Duration: 3 hours

The "PECB Certified ISO 13053 Lead Auditor" 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 Six Sigma

Domain 2 | Six Sigma Processes

Domain 3 | Fundamental audit concepts and principles

Domain 4 | Preparation of an ISO 13053 audit

Domain 5 | Conducting an ISO 13053 audit

Domain 6 | Closing an ISO 13053 audit

Domain 7 | Managing an ISO 13053 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 13053 certifications and the PECB certification process, please refer to the [Certification Rules and Policies](#).

Credential	Exam	Professional experience	Six Sigma audit experience	Other requirements
PECB Certified ISO 13053 Provisional Auditor	PECB Certified ISO 13053 Lead Auditor Exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO 13053 Auditor	PECB Certified ISO 13053 Lead Auditor Exam or equivalent	Two years: One year of work experience with Six Sigma projects	Audit activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO 13053 Lead Auditor	PECB Certified ISO 13053 Lead Auditor Exam or equivalent	Five years: Two years of work experience with Six Sigma projects	Audit activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified ISO 13053 Senior Lead Auditor	PECB Certified ISO 13053 Lead Auditor Exam or equivalent	Ten years: Seven years of work experience with Six Sigma projects	Project activities: a total of 1,000 hours	Signing the PECB Code of Ethics
PECB Certified ISO 13053 Master	ISO 13053 Lead Implementer + ISO 13053 Lead Auditor (4 additional foundation exams)	Fifteen years: Ten years of work experience with Six Sigma projects	Audit activities: 700 hours Project activities: 700 hours	Signing the PECB Code of Ethics

Note: PECB Certified Individuals who do possess the Lead Implementer and Lead Auditor Credentials are qualified for the respective **PECB Master Credential**, given they have taken 4 additional Foundation Exams which are related to this scheme. For more detailed information about the Foundation Exams and the overall Master Requirements, please go to the following link: <https://pecb.com/en/master-credentials>.

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 for free