



PECB

PECB CERTIFIED ISO 55001 LEAD AUDITOR

MASTERING THE AUDIT OF AN ASSET MANAGEMENT SYSTEM (AMS) BASED ON ISO 55001

SUMMARY

This five-day intensive course enables participants to develop the needed expertise to audit a project and to manage a team of auditors by applying widely recognized audit principles, procedures and techniques. During this training, the participants will acquire the necessary knowledge and skills to proficiently plan and perform internal and external audit in compliance with ISO 19011 and ISO 17021 standards. Based on practical exercises, the participants will develop the skills (mastering audit techniques) and competencies (managing audit teams and audit program, communicating with customers, conflict resolution, etc.) necessary to efficiently conduct an audit.



WHO SHOULD ATTEND?

- ▶ Internal auditors
- ▶ Auditors wanting to perform and lead Asset Management System (AMS) certification audits
- ▶ Project managers or consultants wanting to master Asset Management System audit process
- ▶ CxO and Senior Managers responsible for the asset management of an enterprise and the management of its risks
- ▶ Members of asset management team
- ▶ Expert advisors in asset management
- ▶ Technical experts wanting to prepare for an asset management audit function

COURSE AGENDA

DURATION: 5 DAYS

Introduction to asset management and ISO 55001

- ▶ Normative, regulatory and legal framework related to asset management
- ▶ Fundamental principles of asset management
- ▶ ISO 55001 certification process
- ▶ Asset Management System (AMS)
- ▶ Detailed presentation of the clauses 4 to 8 of ISO 55001

Planning and Initiating an ISO 55001 audit

- ▶ Fundamental audit concepts and principles
- ▶ Audit approach based on evidence and risk
- ▶ Preparation of an ISO 55001 certification audit
- ▶ AMS documentation audit
- ▶ Conducting an opening meeting

Conducting an ISO 55001 audit

- ▶ Communication during the audit
- ▶ Audit procedures: observation, document review, interview, sampling techniques, technical verification, corroboration and evaluation
- ▶ Audit test plans
- ▶ Formulation of audit findings
- ▶ Documentation of nonconformities

Concluding and ensuring the follow-up of an ISO 55001 audit

- ▶ Audit documentation
- ▶ Quality review
- ▶ Conducting a closing meeting and conclusion of an ISO 55001 audit
- ▶ Evaluation of corrective action plans
- ▶ ISO 55001 Surveillance audit
- ▶ Internal audit management program

Certification Exam



LEARNING OBJECTIVES

- ▶ To acquire the expertise to perform an ISO 55001 internal audit following ISO 19011 guidelines
- ▶ To acquire the expertise to perform an ISO 55001 certification audit following ISO 19011 guidelines and the specifications of ISO 17021
- ▶ To acquire the necessary expertise to manage an AMS audit team
- ▶ To understand the operation of an ISO 55001 conformant asset management system
- ▶ To understand the relationship between an Asset Management System, including risk management, controls and compliance with the requirements of different stakeholders of the organization
- ▶ To improve the ability to analyze the internal and external environment of an organization, its risk assessment and audit decision-making

EXAMINATION

The “Certified ISO 55001 Lead Auditor” exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:

1 Domain 1: Fundamental principles and concepts in Asset Management

Main Objective: To ensure that the ISO 55001 Lead Auditor candidate can understand, interpret and illustrate the main Asset Management concepts and principles related to Asset Management and Asset Management System based on ISO 55001.

2 Domain 2: Asset Management System

Main Objective: To ensure that the ISO 55001 Lead Auditor candidate can understand, interpret and illustrate the main concepts and components of an Asset Management System based on ISO 55001.

3 Domain 3: Fundamental Audit Concepts and Principles

Main Objective: To ensure that the ISO 55001 Lead Auditor candidate can understand, interpret and explain fundamental concepts and principles of auditing to ISO 55001.

4 Domain 4: Preparation of an ISO 55001 audit

Main Objective: To ensure that the ISO 55001 Lead Auditor candidate can prepare appropriately and initiate the Asset Management System audit stages and processes based on ISO 55001.

5 Domain 5: Conducting an ISO 55001 audit

Main Objective: To ensure that the ISO 55001 Lead Auditor candidate can conduct efficiently an AMS audit based on ISO 55001.

6 Domain 6: Closing an ISO 55001 audit

Main Objective: To ensure that the ISO 55001 Lead Auditor candidate understands and can implement all required actions to close an asset management audit and related processes at this stage.

7 Domain 7: Managing an internal ISO 55001 audit program

Main Objective: To ensure that the ISO 55001 Lead Auditor understands how to establish and manage an AMS audit program.

- ▶ The “Certified ISO 55001 Lead Auditor” exam is available in different languages (the complete list of languages can be found in the examination application form)
- ▶ Duration: 3 hours
- ▶ For more information about the exam, refer to PECB section on ISO 55001 Lead Auditor Exam



CERTIFICATION

- After successfully completing the exam, participants can apply for the credentials of Certified ISO 55001 Provisional Auditor, Certified ISO 55001 Auditor or Certified ISO 55001 Lead Auditor depending on their level of experience. These credentials are available for internal and external auditors
- A certificate will be issued to participants who successfully pass the exam and comply with all the other requirements related to the selected credential
- For more information about ISO 55001 certifications and PECB certification process, refer to PECB section on ISO 55001 Lead Auditor Certification

Credential	Exam	Professional Experience	Asset Management Audit Experience	Asset Management Project Experience	Other Requirements
PECB Certified ISO 55001 Provisional Auditor	PECB Certified ISO 55001 Lead Auditor Exam	None	None	None	Signing the PECB code of ethics
PECB Certified ISO 55001 Auditor	PECB Certified ISO 55001 Lead Auditor Exam	Two years One year of Asset Management work experience	Audit activities totaling 200 hours	None	Signing the PECB code of ethics
PECB Certified ISO 55001 Lead Auditor	PECB Certified ISO 55001 Lead Auditor Exam	Five years One year of Asset Management work experience	Audit activities totaling 300 hours	None	Signing the PECB code of ethics

GENERAL INFORMATION

- Certification fees are included in the exam price
- A student manual containing over 450 pages of information and practical examples will be distributed to participants
- A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to participants
- In case of failure of the exam, participants are allowed to retake the exam for free under certain conditions