PECB Certified IATF 16949
Lead Implementer

Master the implementation and management of Automotive Quality Management Systems (AQMS) based on IATF 16949

Why should you attend?

IATF 16949 Lead Implementer training enables you to develop the necessary expertise to support an organization in establishing, implementing, managing and maintaining an Automotive Quality Management System (AQMS) based on IATF 16949. During this training course, you will also gain a thorough understanding of the best practices of Automotive Quality Management Systems and be able to improve an organization`s overall quality and reputation in the automotive industry.

After mastering all the necessary concepts of Automotive Quality Management Systems, you can sit for the exam and apply for a "PECB Certified IATF 16949 Lead Implementer" credential. By holding a PECB Lead Implementer Certificate, you will be able to demonstrate that you have the practical knowledge and professional capabilities to implement IATF 16949 in an organization.

Who should attend?

➤ Managers or consultants involved in Automotive Quality Management
➤ Expert advisors seeking to master the implementation of an Automotive Quality Management System
➤ Individuals responsible for maintaining conformance with AQMS requirements
➤ AQMS team members

Course agenda

Duration: 5 days

Day 1 | Introduction to IATF 16949 and initiation of an AQMS

➤ Course objective and structure
➤ Standard and regulatory framework
➤ Quality Management System for Automotive Industry (AQMS)
➤ Initiating the AQMS implementation
➤ Understanding the organization and clarifying the objectives

Day 2 | Plan the implementation of an AQMS

➤ Analysis of the existing management system
➤ Leadership and approval of the AQMS project
➤ AQMS scope
➤ Policies for quality management in automotive industry
➤ Planning of product realization
➤ Definition of organizational structure of the AQMS
➤ Definition of the document management process

Day 3 | Implementation of an AQMS

➤ Operations Management
➤ Training and awareness plan
➤ Communication plan
➤ Product requirements, design, and purchasing process
➤ Product realization and control

Day 4 | AQMS monitoring, measurement, continuous improvement and preparation for a certification audit

➤ Monitoring, measurement, analysis and evaluation
➤ Internal audit
➤ Management review
➤ Treatment of problems and non-conformities
➤ Continual improvement
➤ Preparing for the certification audit
➤ Competence and evaluation of implementers
➤ Closing the training

Day 5 | Certification Exam

Learning objectives

➤ Acknowledge the correlation between IATF 16949 and other standards and regulatory frameworks

➤ Master the concepts, approaches, methods and techniques used for the implementation and effective management of an AQMS

➤ Learn how to interpret the IATF 16949 requirements in the specific context of an organization

➤ Learn how to support an organization to effectively plan, implement, manage, monitor and maintain an AQMS

➤ Acquire the expertise to advise an organization in implementing Automotive Quality Management System best practices

Examination   Duration: 3 hours

The "PECB Certified IATF 16949 Lead Implementer" 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 an Automotive Quality Management System (AQMS

Domain 2 | Automotive Quality Management System (AQMS)

Domain 3 | Planning an AQMS implementation based on IATF 16949

Domain 4 | Implementing an AQMS based on IATF 16949

Domain 5 | Performance evaluation, monitoring and measurement of an AQMS based on IATF 16949

Domain 6 | Continual improvement of an AQMS based on IATF 16949

Domain 7 | Preparing for an AQMS certification audit

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 IATF 16949 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	AQMS project experience	Other requirements
PECB Certified IATF 16949 Provisional Implementer	PECB Certified IATF 16949 Lead Implementer Exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified IATF 16949 Implementer	PECB Certified IATF 16949 Lead Implementer Exam or equivalent	**Two Years:** One year of work experience in Automotive Quality Management	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified IATF 16949 Lead Implementer	PECB Certified IATF 16949 Lead Implementer Exam or equivalent	**Five Years:** Two years of work experience in Automotive Quality Management	Project activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified IATF 16949 Senior Lead Implementer	PECB Certified IATF 16949 Lead Implementer Exam or equivalent	**Ten years:** Seven years of work experience in Automotive Quality Management	Project activities: a total of 1,000 hours	Signing the PECB Code of Ethics
PECB Certified IATF 16949 Master	IATF 16949 Lead Implementer + IATF 16949 Lead Auditor (4 additional foundation exams)	**Fifteen years:** Ten years of work experience in Automotive Quality Management	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