# PECB Certified AS9100
## Lead Implementer

**Master the implementation and management of an Aerospace Quality Management System (AQMS) based on AS9100**

## Why should you attend?

AS9100 Lead Implementer training enables you to develop the necessary expertise to support an organization in the aerospace industry in establishing, implementing, managing and maintaining an Aerospace Quality Management System (AQMS) based on AS9100 international aerospace standard. During this training course, you will gain a thorough understanding of the best practices of Aerospace Quality Management Systems and learn the elements needed to implement and manage an AQMS, such as: establishing AQMS policies & procedures, importance of leadership and commitment, planning and controlling operations, ensuring product safety, establishing measures for the prevention of counterfeit parts, performance measurements, internal audits, management reviews, and continual improvement.

After mastering all the necessary concepts of the AQMS, you can sit for the exam and apply for a "PECB Certified AS9100 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 AS9100 in an organization.

## Who should attend?

➤ Managers and consultants involved with Quality Management in the Aerospace industry
➤ Expert advisors seeking to master the implementation of an Aerospace Quality Management System
➤ Individuals responsible for maintaining conformance with AS9100 requirements
➤ AQMS team members

## Course agenda
**Duration: 5 days**

**Day 1** | Introduction to AS9100 and initiation of an AQMS

➤ Course objectives and structure
➤ Standards and regulatory frameworks
➤ Aerospace Quality Management System (AQMS)

➤ Initiating the implementation of an AQMS based on AS9100
➤ The organization and its context

**Day 2** | Plan the implementation of an AQMS

➤ Leadership and commitment to AQMS
➤ AQMS scope
➤ AQMS policies

➤ Roles, responsibilities and authorities
➤ Managing Risk
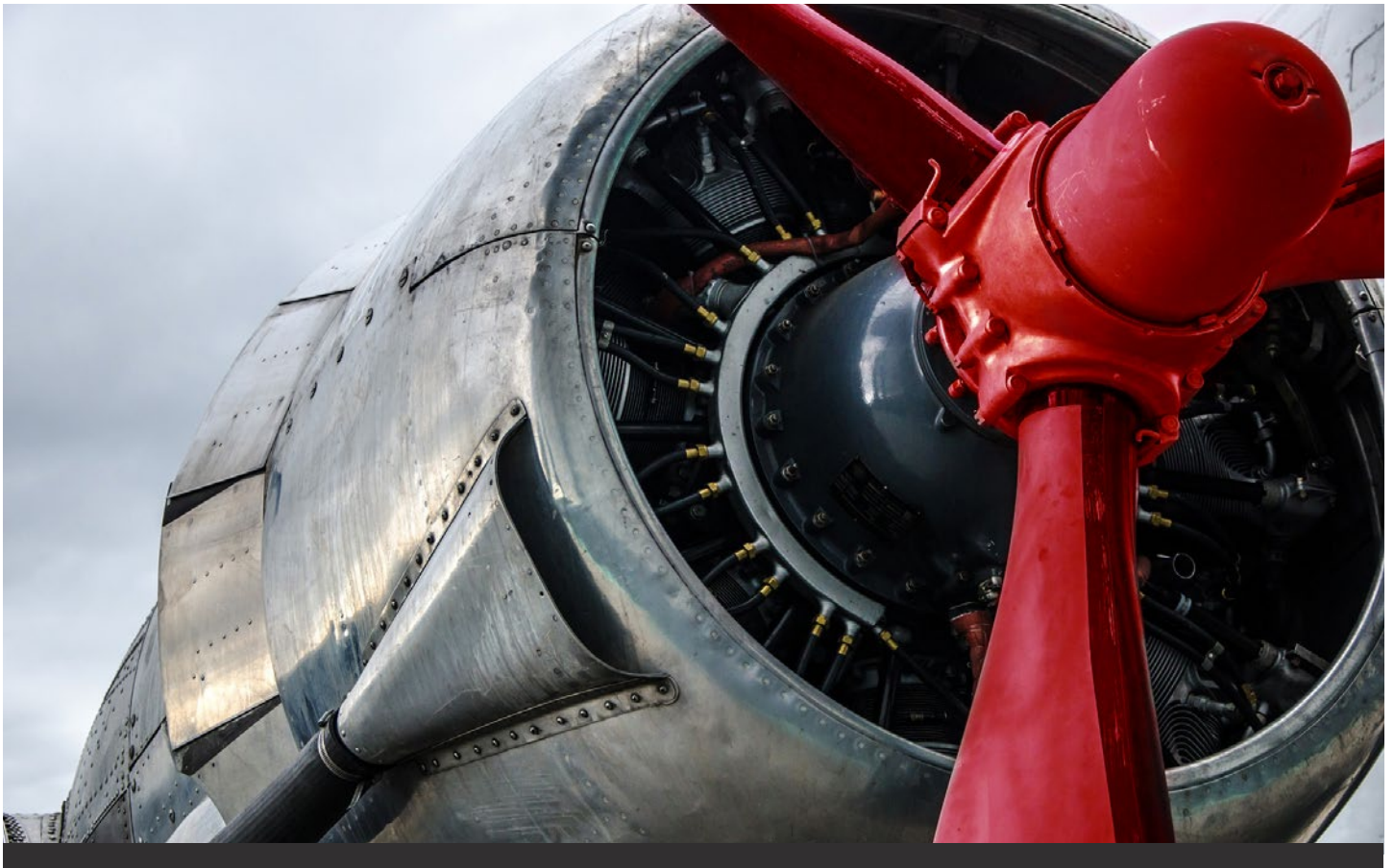➤ AQMS quality objectives and planning of changes

**Day 3** | Implementation of an AQMS

➤ Resource management & competencies
➤ Awareness and communication
➤ Documentation management
➤ Operational control

➤ Product safety & prevention of counterfeit parts
➤ Product and service requirements, design and purchasing process
➤ Production and service provision

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

➤ Monitoring, measurement, analysis and evaluation
➤ Internal audits & management reviews
➤ Treatment of non-conformities

➤ Continually improving the AQMS and the organization
➤ Preparing for the certification audit
➤ Certification process and closing the training

**Day 5** | Certification Exam

## Learning objectives

➤ Acknowledge the correlations between AS9100 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 AS9100 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 organizations in implementing Aerospace Quality Management System best practices

## Examination                                                    Duration: 3 hours

The "PECB Certified AS9100 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 Aerospace Quality Management System (AQMS)

**Domain 2** | Aerospace Quality Management System (AQMS)

**Domain 3** | Planning an AQMS implementation based on AS9100

**Domain 4** | Implementing an AQMS based on AS9100

**Domain 5** | Performance evaluation, monitoring and measurement of an AQMS based on AS9100

**Domain 6** | Continual improvement of an AQMS based on AS9100

**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 AS9100 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 AS9100 Provisional Implementer** | PECB Certified AS9100 Lead Implementer Exam or equivalent | None | None | Signing the PECB Code of Ethics |
| **PECB Certified AS9100 Implementer** | PECB Certified AS9100 Lead Implementer Exam or equivalent | **Two years:** One year of work experience in Quality Management | Project activities: a total of 200 hours | Signing the PECB Code of Ethics |
| **PECB Certified AS9100 Lead Implementer** | PECB Certified AS9100 Lead Implementer Exam or equivalent | **Five years:** Two years of work experience in Quality Management | Project activities: a total of 300 hours | Signing the PECB Code of Ethics |
| **PECB Certified AS9100 Master** | PECB Certified AS9100 Lead Implementer Exam or equivalent and PECB Certified AS9100 Lead Auditor Exam or equivalent | **Ten years:** Six years of work experience in Quality Management | Audit and Project activities: a total of 500 hours each | 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 for free