PECB Certified AS9100
Lead Auditor

Master the Audit of an Aerospace Quality Management System (AQMS) based on AS9100

Why should you attend?

AS9100 Lead Auditor training enables you to develop the necessary expertise to perform an Aerospace Quality Management System (AQMS) audit 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 the certification process according to ISO/IEC 17021-1.

Based on practical exercises, you will be able to master audit techniques and become competent to manage an audit program, audit team, communication with customers, and conflict resolution.

After acquiring the necessary expertise to perform this audit, you can sit for the exam and apply for a "PECB Certified AS9100 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 seeking to perform and lead Aerospace Quality Management System (AQMS) certification audits
➤ Managers or consultants seeking to master an Aerospace Quality Management System audit process
➤ Individuals responsible for maintaining conformance with AQMS requirements
➤ Technical experts seeking to prepare for an Aerospace Quality Management System audit
➤ Expert advisors in Aerospace Quality Management

Course agenda

Duration: 5 days

Day 1 | Introduction to AS9100 and Aerospace Quality Management Systems (AQMS)

➤ Course objectives and structure
➤ Standards and regulatory frameworks
➤ Certification process

➤ Fundamental concepts and principles of quality management
➤ Aerospace Quality Management System (AQMS)

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

Day 3 | On-site audit activities

➤ Stage 2 audit
➤ Communication during the audit
➤ Audit procedures

➤ Creating audit test plans
➤ Drafting audit findings and nonconformity reports

Day 4 | Closing the audit

➤ Documentation of the audit and the audit quality review
➤ Closing the audit
➤ Evaluating action plans by the auditor
➤ Beyond the initial audit

➤ Managing an internal audit programme
➤ Competence and evaluation of auditors
➤ Closing the training

Day 5 | Certification Exam

Learning objectives

➤ Understand the operations of an Aerospace Quality Management System (AQMS) based on AS9100
➤ Acknowledge the correlations between AS9100, ISO 9001 and other standards and regulatory frameworks
➤ Understand an auditor's role to: plan, lead and follow-up on a management system audit in accordance with ISO 19011
➤ Learn how to lead an audit and audit team
➤ Learn how to interpret the requirements of AS9100 in the context of an AQMS audit
➤ Acquire the competencies of an auditor to: plan an audit, lead an audit, draft reports, and follow-up on an audit in compliance with ISO 19011

Examination

Duration: 3 hours

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

Domain 2 | Aerospace Quality Management System (AQMS)

Domain 3 | Fundamental audit concepts and principles

Domain 4 | Preparation of an AS9100 audit

Domain 5 | Conducting an AS9100 audit

Domain 6 | Managing an AS9100 audit program

Domain 7 | Managing an AS9100 audit program

For more information about exam details, please visit Examination Rules and Policies.

Certification

Upon the successful completion of 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 the AS9100 certification and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	MS audit experience	Other requirements
PECB Certified AS9100 Provisional Auditor	PECB Certified AS9100 Lead Auditor exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified AS9100 Auditor	PECB Certified AS9100 Lead Auditor exam or equivalent	**Two years:** One year of work experience in Aerospace Quality Management	Audit activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified AS9100 Lead Auditor	PECB Certified AS9100 Lead Auditor exam or equivalent	**Five years:** Two years of work experience in Aerospace Quality Management	Audit 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 for free

For additional information, please contact us at marketing@pecb.com or visit www.pecb.com