

5 Day - Aviation Space Defence Quality Management System Lead Auditor Course (Applicable to 9100, 9110, and 9120 standards.)

Course Objectives

The AQMS Foundation Standard Auditor Course covers knowledge required implementing/auditing or leading a supplier QA development for the AQMS standards as they apply to the aerospace industry.

Learning Objectives (General & Standards)

A student who successfully completes the AQMS Lead Auditor course shall be able to:

- Describe the purpose of a quality management system and its role in helping an organization operate with increased effectiveness, consistency, and customer satisfaction.
- Explain the purpose and intent of the ISO 9000 series of standards and how they relate to the applicable AQMS standard.
- Describe the continuing process of development of AQMS standards and ISO 19011, the impact that these developments may have on the audit process, and the need for auditors to keep up to date.
- Describe the eight Quality Management Principles and how they relate to the AQMS.
- Explain the intent and requirement of each clause of the AQMS.
- Describe the documentation required by the AQMS and the interrelationships between the quality manual, procedures, quality planning, policy, and objectives.
- Identify the audit evidence needed to demonstrate conformity to the requirements of the AQMS.
- Evaluate the effectiveness of an entire AQMS, including process, customer focus, and continual improvement.
- Evaluate the differing requirements for AQMS documentation in a variety of situations and understand the difference between documents and records.
- **NOTE:** The authorities and regulations covered in the course shall be applicable to the location in which the course is being presented.
- Describe the difference between legal compliance and conformity with AQMS standards, and the significance of these terms when conducting audits.
- "Understand the hierarchy of authorities' requirements (e.g., CAA, military, space) and applicable advisory material, where to obtain additional information, and how to incorporate authorities' requirements aspects into the AQMS audit activities.
- Understand the hierarchy of standards published under the IAQG umbrella.
- Describe the auditor authentication requirements for the applicable AQMS standards.

Learning Objectives (Audit Process & Responsibilities)

- Describe IAQG sector scheme requirements for AQMS certification/registrations programs (see 9104).
- Describe the process of certification/registration of an organization's AQMS standards.
- Describe the auditor approval requirements for the applicable AQMS standards.
- Plan and organize all aspects of an AQMS audit.
- Perform all aspects of an AQMS audit.
- Demonstrate the proper use of the applicable AQMS checklists and scoring methods.
- Make recommendations on the acceptability of the AQMS for certification.
- Describe the OASIS database for access to audit data and security (public and private).

Course Duration

The total course time devoted to direct instruction and to assigned team and individual activities is 40 hours, plus an additional two hours for the written examination.

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