



DRIVING WORLDWIDE BUSINESS EXCELLENCE



AS9110B Lead Auditor Training for Aerospace QMS



Training Duration : 5 days

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Seminar Content

Omnex is an Exemplar Global Certified TPECS provider for Exemplar Global-QM and Exemplar Global-AU and Exemplar Global-TL Competency Units. This seminar fully covers the ISO 9001 requirements in addition to the requirements of AS9110B, which is the quality management standard for Aviation, Space and Defense organizations. Other topics include audit systems, the auditing process and audit instruments; the documentation process, conducting an audit, writing the audit report, and taking corrective action. Auditing case studies to develop skills for identifying nonconformities will be used.

Note: The Aerospace Auditor Transition Training (AATT) must also be completed in order to become a certified Aerospace Auditor.

Aerospace Process Approach Auditing has three main components – Process Auditing, Customer Focus and Leadership Auditing – each of which must follow the requirements laid out in AS9101E. This course will give instruction and guidance on conducting the Process Audit using the PEAR form and Turtle Diagrams.

Attendees who successfully pass the exams during this course will achieve a Certificate of Attainment for the following competency units:

- Exemplar Global-QM
- Exemplar Global-AU
- Exemplar Global-TL



Who Should Attend

This seminar is designed for Management Representatives, AS9110B Implementation Teams, Internal Auditors and others who would like to develop judgment and decision-making in AS9110B and learn the auditing process for first, second, and third party auditors.

Recommended Training and/or Experience

An extensive understanding of the AS9110B requirements and/or work experience in applying AS9110B is recommended

Seminar Materials

Each participant will receive a seminar manual and a breakout workbook that includes auditing case studies.

Seminar Goals

- ❖ Understand the application of Quality Management Principles in the context of ISO 9001:2008 and/or AS9110B.
- ❖ Relate the quality management system to the organizational products, including services, and operational processes.
- ❖ Understand the application of the principles, procedures and techniques of auditing.
- ❖ Understand the conduct of an effective audit in the context of the auditee's organizational situation.
- ❖ Understand the application of the regulations, and other considerations that are relevant to the management system, and the conduct of the audit.
- ❖ Practice personal attributes necessary for the effective and efficient conduct of a management system audit.
- ❖ Establish, plan and task the activities of an audit team.
- ❖ Communicate effectively with the auditee and audit client.
- ❖ Organize and direct audit team members.
- ❖ Prevent and resolve conflict with the auditee and/or within the audit team.
- ❖ Prepare and complete the audit report.

Seminar Outline

Day 1

- ❖ Introduction and Welcome
- ❖ Understanding Aviation, Defense and Space Industry Standards
- ❖ The Challenge for Top Management and the Eight Quality Management Principles
- ❖ The ISO 9001 and AS9100 Standards Explained
- ❖ Overview of AS9110B Requirements
 - *Breakout Exercise 1: Exclusions*

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Day 2

- ❖ Overview of AS9110B Requirements (cont'd)
- ❖ Introduction to AS9110B Audit Trails
 - *Breakout Exercise 2: Documentation Review*
- ❖ Management of Audit Programs
- ❖ Audit Planning and Preparation
 - *Breakout Exercise 3: Scope and Objectives*
 - *Breakout Exercise 4: Audit Plan*

Day 3

- ❖ Performing the Audit
 - *Breakout Exercise 5: Opening Meeting*
 - *Breakout Exercise 6: Conducting the Audit*
- ❖ Writing Nonconformity Statements
 - *Breakout Exercise 7: Writing Nonconformities*
- ❖ Closing Meeting
 - *Breakout Exercise 8: Summary Statement and Closing Meeting*
- ❖ Completing the Audit Report
- ❖ Corrective Action and Closeout
 - *Breakout Exercise 9: Verification and Closeout*

Day 4

- ❖ Review of Audit Process and Audit Management Strategies
 - *Case Study Mock Audit*

Day 5

- ❖ Practical Application of Audit Principles and Instructor Interviews

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