

AS9100:2016 RevD Lead Auditor

BACKGROUND

The AS9100:2016 Lead Auditor Training is a comprehensive five-day course designed for individuals seeking to develop the competence to lead audits of aerospace quality management systems (AQMS). This training builds upon internal auditing skills and introduces the responsibilities of leading an audit team, planning and managing full system audits, and interacting with certification bodies.

The course focuses on mastering AS9100 requirements and their application, while also understanding the audit lifecycle according to ISO19011 and AS9100 requirements. Participants will additionally develop leadership skills to manage audit teams and report effectively to top management.

LEARNING OBJECTIVES

By the end of this course, participants will be able to:

- Understand the structure, intent, and requirements of AS9100:2016 and how it integrates with ISO 9001:2015.
- Plan, prepare, and manage a complete AQMS audit from initiation to closing.
- Lead an audit team, including delegating tasks, coordinating activities, and resolving conflicts.
- Apply audit principles, evidence collection techniques, and risk-based thinking in a leadership role.
- Evaluate audit findings, classify nonconformities, and report results to both the organization and certification bodies.
- Understand certification processes and how to liaise with external auditors and regulatory authorities.
- Facilitate continual improvement through well-documented and communicated audit outcomes.

AGENDA

- **Day 1** – Introduction to AS9100, aerospace quality principles, and audit fundamentals.
- **Day 2** – In-depth clause-by-clause review and risk-based thinking in aerospace audits
- **Day 3** – Planning, preparing, and managing audits as a lead auditor.
- **Day 4** – Conducting audits, classifying findings, reporting results, and closing audits.
- **Day 5** – Full audit simulation, team leadership assessment, and final course evaluation.

ADDITIONAL INFORMATION

- **Duration:** 5 Days
- **Format:** Trainer-led (in-person or virtual)
- **Audience:** Quality professionals, prospective lead auditors, and those seeking certification body recognition as an AS9100 Lead Auditor.
- **Standards:** AS9100:2016 (Rev D), ISO 9001:2015, ISO 19011