

AS9100:2016 RevD Internal Auditor

BACKGROUND

The AS9100:2016 (Rev D) Internal Auditor Training is a comprehensive five-day course designed to develop competent internal auditors within aerospace organisations. The course provides participants with the knowledge and practical skills required to plan, conduct, report, and follow up internal audits of aerospace quality management systems in accordance with AS9100:2016.

This training explores the intent and application of AS9100 requirements while focusing on the unique operational, safety, and regulatory expectations within the aerospace industry. Participants will learn how to evaluate organisational processes, assess compliance with aerospace quality management requirements, and identify opportunities for improvement through structured internal auditing activities.

LEARNING OBJECTIVES

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

- Understand the structure, intent, and key requirements of AS9100:2016 (Rev D) and its relationship with ISO 9001.
- Explain the principles of quality management systems and their application within aerospace organisations.
- Apply audit principles and internal auditing techniques in accordance with ISO 19011 guidance.
- Plan and prepare internal audits using a structured and process-based approach.
- Conduct audits to evaluate compliance with AS9100 requirements and organisational processes.
- Identify, document, and classify audit findings, including nonconformities and opportunities for improvement.
- Support corrective action processes and contribute to continual improvement through effective audit reporting and follow-up activities.

AGENDA

DAY 1 – UNDERSTANDING

- Introduction to aerospace QMS and AS9100
High-level structure and key concepts
- Process approach and risk-based thinking
- Clause-by-clause understanding of AS9100 requirements

DAY 2 – APPLICATION

- Audit planning, preparation, and evidence collection techniques
- Conducting internal audits (practical exercises)
- Reporting findings, nonconformities and Corrective actions

ADDITIONAL INFORMATION

- **Duration:** 2 Days
- **Format:** Trainer-led (in-person or virtual)
- **Audience:** Internal auditors, quality engineers, quality managers, and personnel responsible for auditing or maintaining aerospace quality management systems.
- **Standards:** AS9100:2016 (Rev D), ISO 9001:2015, ISO 19011