



AS9100 UNDERSTANDING AND IMPLEMENTING TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

Course Title: AS9100 Understanding and Implementing Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a comprehensive and practical understanding of AS9100, the international quality management system standard specifically developed for the aviation, space and defence industries. The course explains AS9100 clause requirements, risk-based thinking, aviation-specific controls, design and development expectations, supplier management processes and regulatory compliance obligations that ensure safety and reliability in aerospace products and services. Through real-world aerospace scenarios, case studies and implementation workshops, participants will gain the skills to interpret, apply and implement AS9100 requirements effectively to enhance quality performance, strengthen supply chain control and support organisational readiness for certification audits.

OBJECTIVE(S):

- Understand the structure, purpose and scope of AS9100.
- Learn the additional aerospace requirements beyond ISO 9001.
- Apply risk-based thinking and operational risk management.
- Interpret AS9100 clause requirements and documentation needs.
- Strengthen controls for product safety and counterfeit parts prevention.
- Implement supplier control, configuration management and special processes.
- Improve operational consistency, quality performance and customer satisfaction.
- Support organisational readiness for AS9100 certification audits.

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TARGET GROUP(S):

- Aerospace quality managers and engineers
- Production, manufacturing and operations leaders
- Design and development personnel
- Supplier quality and procurement teams
- Internal auditors and compliance officers
- AS9100 implementation and certification teams

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Overview of AS9100 and Aerospace Quality Management
2. Structure and Clause Requirements (Aligned with ISO 9001)
3. Additional AS9100 Requirements: Product Safety, Counterfeit Parts, Risk
4. Operational Planning, Configuration Management and Special Processes
5. Competence, Communication and Documented Information
6. Operational Control: Suppliers, Outsourced Processes and Verification
7. Monitoring, Measurement, Internal Audit and Performance Evaluation
8. Certification Process, Readiness Assessment and Continual Improvement

LIST OF REFERENCE BOOK(S):

- AS9100D Quality Management Systems – Requirements for Aviation, Space and Defence
- ISO 9001 Quality Management Systems
- AS9145 (APQP for aerospace), AS9102 FAI guidelines
- Aerospace industry standards and regulatory requirements

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- AS9100 templates, worksheets and case studies

METHODOLOGY(S):

- Lecture
- Group discussions
- Case studies
- Implementation workshops
- Practical exercises

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Overview of AS9100 and Aerospace Quality Management
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 2: Structure and Clause Requirements (Aligned with ISO 9001)
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 3: Additional AS9100 Requirements – Product Safety, Counterfeit Parts, Risk
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 4: Operational Planning, Configuration Management and Special Processes

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 5: Competence, Communication and Documented Information
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 6: Operational Control for Suppliers, Outsourced Processes and Verification
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 7: Monitoring, Measurement, Internal Audit and Performance Evaluation
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 8: Certification Process, Readiness Assessment and Continual Improvement