



## Overview

Quality management in the aviation industry is a structured approach to ensuring that all aspects of aviation operations, such as safety, compliance, maintenance, customer service, and efficiency meet established standards and regulatory requirements.

AS9100D is the latest version of the AS9100 standard, a quality management system specifically designed for the aerospace, aviation, and defense industries. Developed by the International Aerospace Quality Group (IAOQ), it builds upon ISO 9001 standards and adds specific requirements and regulations to address the unique needs of these highly regulated industries.

## Objectives

Aviation based organizations should focus on the AS9100 standard because it provides a structured, industry-specific quality management system that addresses the unique demands of aviation requirements and ensuring safety and regulatory compliance.

Therefore, this course “AS9100D QMS: Aviation Quality Management System” is designed to equip the participants with a comprehensive understanding of Quality Management Systems (QMS) in the aviation industry, focusing on regulatory compliance and safety. In addition, the training course will provide the participants with:

- Solid foundation in QMS principles, specifically within the aviation industry.
- Interpretation of the AS9100D QMS requirements and frameworks.
- Reinforce the importance of continuous improvement and preventive actions in aviation safety.

## Course Outlines

### Chapter 1: Quality Management in the Aviation Industry

- Understanding Quality Concepts in Aviation
- Quality Management in Aviation
- Quality Principles
- Overview of AS9100D QMS Standard
- ISO 9001 and AS9100D: Key Differences and Enhancements for Aviation



## Chapter 2: Interpretation for the AS9100D QMS Requirements Focusing on the Aviation Industry

1. Scope
2. Normative References
3. Terms and Definitions
4. Context of the Organization
  - 4.1 Understanding the Organization and Its Context
  - 4.2 Understanding the Needs and Expectations of Interested Parties
  - 4.3 Determining the Scope of the Quality Management System
  - 4.4 Quality Management System and Its Processes
5. Leadership
  - 5.1 Leadership and Commitment
  - 5.2 Quality Policy
  - 5.3 Organizational Roles, Responsibilities, and Authorities
6. Planning
  - 6.1 Actions to Address Risks and Opportunities
  - 6.2 Quality Objectives and Planning to Achieve Them
7. Support
  - 7.1 Resources
  - 7.2 Competence
  - 7.3 Awareness
  - 7.4 Communication
  - 7.5 Documented Information
8. Operation
  - 8.1 Operational Planning and Control
  - 8.2 Requirements for Products and Services
  - 8.3 Design and Development of Products and Services
  - 8.4 Control of Externally Provided Processes, Products, and Services
  - 8.5 Production and Service Provision
  - 8.6 Release of Products and Services
  - 8.7 Control of Nonconforming Outputs
9. Performance Evaluation
  - 9.1 Monitoring, Measurement, Analysis, and Evaluation
  - 9.2 Internal Audit
  - 9.3 Management Review
10. Improvement
  - 10.1 Nonconformity and Corrective Action
  - 10.2 Continual Improvement



## Course Duration

“AS9100D QMS: Aviation Quality Management System” training course will be held for 18 training hours over 6 days.

## Course Fees

The usual course fees are JD350. As JAQM supports the individuals who invest in themselves and the organizations who invest in their people, JAQM will offer the following discounts:

- Individuals (who register on their own to invest in themselves) will get a discount of 20% on the course fees. Accordingly, the total fees will only be JD280.
- Organizations who have two delegates or more will get a discount of 10% on the course fees. Accordingly, the total fees will only be JD315 per participant. While the fees for organizations who only have one delegate is JD350.

Fees are to include:

- Completion e-certificate issued by JAQM and internationally accredited by the International Accreditation Organization (IAO) located in the USA will be presented to participants who attend at least 90% of the course time, otherwise, a participant will get an attendance certificate.
- Training material in pdf format.
- Handouts and the instructor’s notes

## Payment Methods

To make it easy to settle the course fees, JAQM offers different alternatives for the payment of the fees as follows:

- Transfer to JAQM’s bank
- Cash deposit in JAQM’s bank
- CliQ: Alias name: JAQM
- Western Union transfer
- ZainCash Wallet
- Orange Money Wallet

Please choose in the registration form the method that is best for you so that we send you the details based on your choice.



## Targeted Audience

The AS9100 QMS training course targeting specifically the aviation industry, and who are responsible for maintaining AS9100 compliance, driving quality, and meeting the rigorous standards of the aviation industry. In addition, the following roles are an important audience for this training course:

- Quality Assurance and Quality Control Staff – Essential for ensuring aviation products and processes meet AS9100 quality and safety standards.
- Manufacturing and Production Staff – Oversee aircraft or aircraft component manufacturing, focusing on process control and quality compliance.
- Supply Chain and Procurement Staff – Manage suppliers to ensure they meet AS9100 requirements, crucial for the integrity of aviation parts.
- Maintenance, Repair, and Overhaul (MRO) Teams – Implement AS9100 standards in repair and support operations to ensure continued airworthiness.
- Engineering and Design Teams – Ensure that designs for aircraft parts and systems comply with AS9100 requirements for safety and reliability.
- Project and Program Managers – Coordinate aviation projects with a focus on quality and regulatory adherence as per AS9100.
- Top Management and Executives in Aviation Companies – Set the strategic direction for AS9100 implementation and foster a culture of safety and quality.

Furthermore, this course is targeting all individuals who seek to be distinguished and want to open new business opportunities, and all organizations who look forward to improving their current business productivity and profitability.

## Training Material

Once a participant has confirmed his/her registration, he/she will receive the training material in pdf format. We strongly recommend all participants print the material in hardcopy and use it during the training sessions to follow up with the instructor and take notes on each topic or chapter.

## Date, Time, Venue

- Date: 15 – 31/12/2024 (Su & Tu)
- Time: 6:30 – 9:30 pm Jordan time
- Venue: online through zoom platform.



## Presentation Approach

- English for data show.
- English for training material and handouts.
- English/Arabic for delivery and discussion.
- Different workshops and group activities.

## Registration Process

To enroll in this course, please click the following link and fill out all the fields in the registration form:

<https://forms.gle/BMOaoNZCwrt7Txfd7>

Once you submit the application form, you will receive a notice that your application is received and recorded. Registration is confirmed only after fees are settled as per your payment method.

For organizations' delegates, HR or training department can send an email to confirm the registration for their delegates including their names, emails, and mobiles.

For further information or details, please email JAQM at [training@jaqm.net](mailto:training@jaqm.net), or call +962 6 516 0157, Mobile and WhatsApp: +962 7 7744 1808

JAQM has the right to delay, cancel, or update the course date without any legal or illegal responsibility due to the date change.