

# AS9100 Certification: Ensuring quality in the Aerospace Industry



The aerospace industry is one of the most complex, highly regulated, and safety-conscious sectors in the world. From building aircraft to manufacturing satellite equipment, it demands high-quality results, reliability, and consistency. To meet these high standards, companies follow the [AS9100 Certification](#). This globally recognized standard was created especially for the defense, space, and aviation industries. It assists in guaranteeing that each process and product is dependable, safe, and up to the necessary standard of quality.

## What is AS9100 Certification?

AS9100 is a global quality standard created to fulfill the strict requirements of the aerospace sector, guaranteeing safety, dependability, and compliance at all levels. Important points related to AS9100 Certification are as follows:

- It is developed by the International Aerospace Quality Group (IAQG).
- It is based on ISO 9100 Certification with added aerospace-specific requirements.
- It emphasizes product traceability, risk management, and safety.

## **Benefits of AS9100 Certification**

Businesses in the aerospace industry can benefit from AS9100 Certification in a number of ways. Some of them are given below:

- Globally recognized, AS9100 is frequently needed to collaborate with government organizations and aerospace manufacturers.
- It aids in process improvement by lowering waste, rework, and production delays.
- A certification increases customer trust by demonstrating your company's dependability and compliance with international aerospace standards.
- Many aerospace clients require AS9100 Certification before letting you bid or work together.
- It promotes improved risk management by assisting in the early detection of issues and lowering quality concerns.

## **Challenges addressed by AS9100 Certification**

In the aerospace sector, where even small mistakes can have major repercussions, AS9100 Certification aids in addressing some of the major issues. Its main goals are process, quality, and general safety improvement.

- Aids in the creation of standard operating procedures to guarantee a constant level of quality in products and services.
- Promotes the early detection and control of possible hazards.
- Enhances documentation and traceability throughout the production and distribution processes.
- Improves process control to cut down on variation and errors.
- Guarantees adherence to both global and client-specific laws.
- Improves communication and coordination between teams and stakeholders.
- Enhances supplier supervision to preserve quality across the supply chain.

## Who needs AS9100 Certification?

Organizations that require stringent quality control, dependable procedures, and adherence to international standards are well-suited for AS9100 Certification. It is particularly beneficial for businesses in highly regulated sectors where product complexity, traceability, risk management, and customer satisfaction are crucial.

This certification is perfect for:

- Manufacturers of aircraft and aerospace components.
- Suppliers of spacecraft components.
- Organizations that provide aviation maintenance and repairs.
- Providers of aerospace services.
- Defence contractors.

## Why choose us?

SQC Certification is a reliable certification body for the aerospace sector with proficiency in standards like AS9100 and ISO9001. SQC assists aerospace companies in meeting international compliance standards with its accredited services, skilled auditors, and emphasis on safety and risk management. Better quality, increased customer trust, and easier access to international markets are all guaranteed by our quick and open process.

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