

Certification of Quality Management Systems

Aerospace Sector

Make your business take off, by landing on the Quality Management world

In order to ensure clients satisfaction, manufacturing organizations of the aerospace sector have to produce, and continuously improve, safe and reliable products that meet or exceed the requirements established by the client or by the relevant authorities. The aerospace industry globalisation, and the resulting diversity of regional/national expectations and requirements, have made it difficult to achieve this objective. Aerospace industry manufacturers and suppliers now face the challenge of having to deliver products to many clients that have to meet different quality expectations and requirements.

At the end of 1998, the aerospace industry created the IAQG (*International Aerospace Quality Group*) committee whose objective is to establish and keep a dynamic cooperation based on trust among the aerospace sector companies, allowing significant quality improvements and cost reduction.

Hence, the IAQG has developed specific requirements, published as AS/EN/JISQ 9100. This standard has been published in Spain as EN 9100:2003, so that the aerospace sector manufacturers and suppliers, at all levels, of the supply chain could work together meeting the Quality Management System requirements, shared by all of them.

As a result of the model defined in EN 9100 standard, the IAQG and other national associations such as AECMA (*European Association of Aerospace Industries*) and ATECMA (*Spanish Association of Aerospace Industries*) established an internationally recognized certification system, which has been called ICOP (*Industry Controlled Other-Party*).

Such certification includes the certified company registration in the OASIS international database, registration that contributes to its international recognition.

EN 9100 standard series, although based on the ISO 9001 standard, takes a specific approach for the aerospace sector, depending on the scope of their activity, adding additional requirements, and highlighting the importance of aerospace products safety and reliability.

This allows the aerospace sector manufacturers and suppliers to work according to certain quality requirements, specific and common to all of them.

At the moment, there are the following certification standards: **EN 9100** for activities related to the manufacturing of aerospace components, **EN 9110** for maintenance activities and **EN 9120** for activities related to the stock list distributors.

AS/JISQ/EN 9100

Model for Quality Assurance in Design, Development, Production, Installation and servicing.

AS/EN 9110

Aerospace series, Model for Quality Assurance applicable to Maintenance Organizations.

AS/EN 9120

Aerospace series, Model for Quality Assurance applicable to Stock List Distributors.

To whom it is aimed at:

The Aerospace Management System certification is intended for the Aerospace Industry, both aircraft and components manufacturers, as well as their suppliers and subcontractors.



AENOR
Steps for an
efficient
management

AENOR certification for the Aerospace Industry

AS/JISQ/EN 9100 Standard

This standard, although based on ISO 9001 Standard, takes a specific approach for companies of the aerospace sector, adding additional requirements. On the other hand, it points out the importance of the design control, process control, purchasing, inspection and test, documentation control, non conformities control, as well as those areas with a higher impact on safety and reliability of aerospace products.

The AS/JISQ/EN 9100 Standard implementation and its certification according to the ICOP scheme involves, without a question, a profitable investment for the aerospace sector companies. In this day and age, companies that do not make use of this scheme, may run into great difficulties for growth within the aerospace industry.



Benefits

- ∞ Enhancement of your **company's image and status**.
- ∞ Boost up the economic **effectiveness and efficiency** of the companies.
- ∞ Promote relationships between customer and supplier, establishing **joint improvement objectives**.
- ∞ Certification management according to ISO 9001:2000 and EN 9100 standards in an **integrated audit process**, with a consequent **costs reduction**.
- ∞ **Training available to anyone** for the explanation of requirements.
- ∞ **High implementation** in domestic and international markets.
- ∞ Lift up customers and workers **confidence**.
- ∞ Increase of your **Competitiveness**, by means of Certification according to the ICOP scheme, which has a high international recognition.

AS/EN 9110 Standard

Based on ISO 9001 Standard, AS/EN 9110 details the additional requirements of a Quality Management System applicable to Aerospace Industry *Maintenance Organizations*.

Maintenance organizations must obtain and maintain all the required approvals related to Quality Management Systems, as well as the rest of approvals, certificates, licences and permits required by the relevant authority.

AS/EN 9120 Standard

Based on ISO 9001 Standard, AS/EN 9120 Standard details the additional requirements of a Quality Management System applicable to *Stock List Distributor Organizations*.

This standard is applicable to organizations that provide parts, raw materials and ship sets and sell these products to a client within the aerospace industry. It is also applicable to organizations that supply products and split them up into smaller quantities. It is not applicable to organizations that re-process or repair products.



Certificate award:

This "Other Party" certification also includes, the issuance of Aenor Registered Company certificate and the user licence of **Aenor brand of Registered Company**.



- ∞ It is **compatible and can be assessed with other management systems (ISO 14001, EMAS, OHSAS 18001...)**.

→ Request additional information



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 20 Leading
 Quality
 YEARS and Trust