



RINA certification

Marine & Yachting

Oil & Gas

Power Generation

Infrastructure & Real Estate

Public Administration

Welfare

Food and Catering

Transport, Ports and Logistics

Manufacturing

Other Sectors

Certification in the aerospace sector EN 9100, EN 9110, EN 9120 Standards

EN 9100 Scheme

In December 1998, the aerospace industry set up the International Aerospace Quality Group (IAQG) for the purpose of considerably improving supply chain quality and reducing costs related to all products and services of the sector.

The IAQG has developed specific quality management system requirements, including the legislation required by the EN 9100 certification scheme.

In particular, the reference standards for certification according to the EN 9100 scheme are the following:

EN 9100 – Quality Management Systems – Model for quality assurance in design, development, production, installation and servicing: standard applicable to organisations which design, develop and produce any type of system/component for the aerospace sector, including installation and servicing (i.e. design and construction of aircraft, helicopters and any of their components/parts/systems).

EN 9110 - Quality Management Systems – Model for quality assurance applicable to maintenance organisations: standard applicable to organisations which undertake maintenance in the aerospace sector (i.e. maintenance of aircraft and helicopters and their parts, etc.).

EN 9120 - Quality Management Systems – Requirements for stockist distributors: standard applicable to organisations which distribute/sell parts, components, materials to clients in the aerospace sector.

The EN 9100, EN 9110 and EN 9120 Standards are based on ISO 9001, with the addition of specific requirements for the aerospace sector, introducing concepts such as configuration management and specific methodologies of the aerospace sector and including further specific requirements related to safety, reliability and airworthiness.



SGQ N° 002 A
SGA N° 002 D
SCR N° 003 F

PRD N° 002 B
PRS N° 066 C
SSI N° 001 G



Recognition

RINA has extended certification to the aerospace sector as it has obtained accreditation from ACCREDIA for the certification of organisations whose quality management system meets the requirements of the EN 9100 scheme.

RINA issues the certificate to organisations whose quality management system has been found to meet all the requirements of the EN 9100, EN 9110 and EN 9120 Standards.



Benefits for the organisation

EN 9100 certification gives an organisation the following advantages:

- the possibility of being chosen, at the time of an order, from a list of competent and expert organisations of the sector
- the tools to grow, in terms of efficiency, productivity and competence
- recognition from IAQG and therefore possibly no need to be audited by clients
- possibility to measure the level of compliance with the standard through a rating assessment system
- enhancement of the investment already made by being certified according to the ISO 9001 Standard.

Certification process

Quality Management System certification and maintenance of certification according to the EN 9100 scheme involves the following steps:

- Offer definition
- Draw up contract
- Certification audit (divided into 2 stages, both to be carried out on site)
- Certification Committee examination
- Issue of the certificate
- Surveillance audit (generally every 12 months)
- Recertification audit (every 36 months).

An organisation which intends to get its Quality Management System certified must provide RINA with its main data, by filling in the "Informative Questionnaire", on the basis of which an economic offer will be prepared.

If the organisation accepts the proposal drawn up by RINA, the date for the **Stage 1** audit will be agreed with the former and performed at the operational site. During this phase, compliance of the organisation's documentation with the reference standard will be assessed through a document review. The **Stage 2** audit will be carried out at the organisation's premises, following the successful outcome of the Stage 1 audit, within six months of the latter to check whether the Quality Management System is being properly implemented. If this second audit is satisfactorily completed and following pertinent RINA Committee validation, a Certificate of Conformity to the reference standard will be issued, valid for three years.

To assess whether compliance with the requirements of the reference standard is being maintained, RINA will carry out surveillance audits (generally every 12 months) on the Quality Management System. These audits are made through a sample assessment of the Quality Management System.

Every 36 months, RINA carries out a recertification audit during which the whole Quality Management System is reassessed. Following the successful outcome of the recertification audit and validation by the pertinent RINA Committee, the Certificate of Conformity, valid for three years, will be reissued.

RINA: 150 years of service

RINA is one of the oldest classification societies and certification companies in the world. Established in Genoa in 1861 to serve the marine industry, today it spans the globe as a multinational and multi-faceted company, sharing its knowledge and experience through a wide range of services which help industries and the community to improve their businesses and quality of life. RINA's services cover the environment, energy, transportation, logistics, safety, quality and social responsibility.



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