

The new AS/EN 9100 Series

How your organization will benefit



Executive Briefing

The AS/EN 9100 series of internationally-adopted Quality Management System (QMS) standards for the aerospace industry are changing. They're being revised to respond to marketplace needs and to keep them aligned to ISO 9001, which was updated in 2015, and upon which they are based. Originally released in 1999 by the Society of Automotive Engineers and the European Association of Aerospace Industries, the scheme is operated by the International Aerospace Quality Group (IAQG). BSI can help you understand, implement and certify to the new version of the standard to gain the maximum benefits and continually improve.

The new AS/EN 9100 Series revision

The revised versions of AS/EN 9100/9110/9120 will take ISO 9001:2015 and expand its requirements and recommendations to meet the additional needs of the aerospace industry. Essentially the intent of the IAQG is to establish a single quality management system for use within the aviation, space and defence industries. It delivers multiple benefits to the aerospace industry including:

- **Achieve the goal** of On-Time, On-Quality Delivery (OTQD) to customers
- **Win business** - aerospace OEMs use the standards and registration to the standards as contractual requirements for their supplier base
- **Continual improvement** - because the safety and performance aspects of aerospace products are critical to stakeholders

The aerospace sector has always needed to demonstrate high levels of safety and quality. With increasingly complex supply chains that span the world, it's important that you can demonstrate your commitment to quality and on-time delivery. Certification to AS/EN 9100 series shows you apply the best practices of the aerospace industry to produce high quality products and services. And in an industry with high customer expectations and rigorous contractual requirements, it will help you to achieve customer satisfaction and anticipate their future needs.

The revised standards include a number of key changes bringing the following new benefits:

Context of the Organisation

The revised standards require you to consider the context of your organisation; to gather, analyze and determine external and internal responsibilities of the organization to satisfy the relevant requirements, needs and expectations of the relevant interested parties. You'll also need to monitor or communicate frequently with these interested parties to ensure continual understanding of their requirements, needs and expectations.

Bringing Quality and Continuous Improvement into the heart of your business

The new standard ensures that quality management is now completely integrated and aligned with the business strategies of your organization. Used as a business management tool, this will improve performance and drive real value in the organization, embedding healthy performance improvement processes over time.

Leadership

With greater involvement in the management system by the leadership team, the new standard ensures top management is held to account for the system's effectiveness and that the whole organization understands their role and contribution to quality.

Introduction of Risk & Opportunity Management

The introduction of risk and opportunity management into your management system now reinforces its use as a governance tool. This will ensure that it will be quicker and easier to implement multiple management system standards, saving both time and money. This holistic approach provides even greater benefits by reducing duplication, increasing efficiency and providing a complete view of the whole organization.

An Integrated Approach

ISO has introduced a common structure and core text for all its management system standards. As the new AS/EN 9100 is largely based on ISO 9001:2015 it follows this same structure. Using risk-based thinking throughout, it promotes a proactive approach to identifying risks and taking opportunities making continual improvement systematic. This leads to improved governance and decision making and makes it easier to integrate multiple systems, saving both time and money.

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The new AS/EN 9100 series of standards will give you an opportunity to review your organization and current processes ensuring they are aligned with your business strategy, to achieve sustainable performance improvements, and increase the quality of your products and services in a cost effective way.

BSI provides a unique combination of products and services to support the adoption of AS 9100 series
To find out more about how BSI can help you, visit: bsigroup.com/en-za

AS/EN 9100 series Transition Journey

