



## Comparison of the 9100:2009 standard and the 9100:2016 revision

The new version of EN/AS 9100 is in force since September 2016. The standard EN/AS 9100:2016 brings along changes in the structure, placement and the naming of the standard sections. The following information helps companies in the aerospace industry to identify and locate the changes.

### Correlation Matrix: 9100:2016 and 9100:2009

Source: International Aerospace Quality Group (IAQG)

9100:2016		9100:2009	
<b>4</b>	<b>Context of the organization</b>	<b>1</b>	<b>Scope</b>
4.1	Understanding the organization and its context	1.1	General requirements
4.2	Understanding the needs and expectations of interested parties	1.1	General requirements
4.3	Determining the scope of the quality management system	1.2	1.2 Application
4.4	Quality management system and its processes	4.2.2	Quality manual
		4	Quality management system
		4.1	General requirements
<b>5</b>	<b>Leadership</b>	<b>5</b>	<b>Management responsibility</b>
5.1	Leadership and commitment	5.1	Management commitment
5.1.1	General	5.1	Management commitment
5.1.2	Customer focus	5.2	Customer focus
5.2	Policy	5.3	Quality policy
5.2.1	Developing the Quality Policy	5.3	Quality policy
5.2.2	Communicating the Quality Policy	5.3	Quality policy
5.3	Organizational roles, responsibilities and authorities	5.5.1	Responsibility and authority
		5.5.2	Management representative
		5.4.2	Quality management system planning

<b>6</b>	<b>Planning</b>		
6.1	Actions to address risks and opportunities	5.4.2	Quality management system planning
		8.5.3	Preventive action
6.2	Quality objectives and planning to achieve them	5.4.1	Quality objectives
6.3	Planning of changes	5.4.2	Quality management system planning
<b>7</b>	<b>Support</b>	<b>6</b>	<b>Resource management</b>
7.1	Resources	6	Resource management
7.1.1	General	6.1	Provision of resources
7.1.2	People	6.1	Provision of resources
7.1.3	Infrastructure	6.3	Infrastructure
7.1.4	Environment for the operation of processes	6.4	Work environment
7.1.5	Monitoring and measuring resources	7.6	Control of monitoring and measuring equipment
7.1.5.1	General	7.6	Control of monitoring and measuring equipment
7.1.5.2	Measurement traceability	7.6	Control of monitoring and measuring equipment
7.1.6	Organizational knowledge		
7.2	Competence	6.2.1	General
		6.2.2	Competence, training and awareness
7.3	Awareness	6.2.2	Competence, training and awareness
7.4	Communication	5.5.3	Internal communication
7.5	Documented information	4.2	Documentation requirements
7.5.1	General	4.2.1	General
7.5.2	Creating and updating	4.2.3	Control of documents
		4.2.4	Control of records
7.5.3	Control of documented Information	4.2.3	Control of documents
		4.2.4	Control of records
<b>8</b>	<b>Operation</b>	<b>7</b>	<b>Product realization</b>
8.1	Operational planning and control	7.1	Planning of product realization
8.1.1	Operation risk management	7.1.2	Risk Management
8.1.2	Configuration management	7.1.3	Configuration Management
8.1.3	Product safety	7.3.1	Design and development planning
8.1.4	Prevention of counterfeit products		
8.2	Requirements for products and services	7.2	Customer-related processes
8.2.1	Customer communication	7.2.3	Customer communication
8.2.2	Determination of requirements related to products and services	7.2.1	Determination of requirements related to the product
8.2.3	Review of requirements related to products and services	7.2.2	Review of requirements related to the product
8.2.4	Changes to requirements for products and services	7.2.2	Review of requirements related to the product
8.3	Design and development of products and services	7.3	Design and development planning
8.3.1	General	7.3.1	Design and development planning

8.3.2	Design and development planning	7.3.1	Design and development planning
8.3.3	Design and development inputs	7.3.2	Design and development inputs
8.3.4	Design and development controls	7.3.4	Design and development review
8.3.5	Design and development outputs	7.3.3	Design and development verification
8.3.6	Design and development changes	7.3.7	Design and development validation
8.4	Control of externally provided processes, products and services	7.4.1	Design and development outputs
8.4.1	General	7.4.1	Control of design and development changes
8.4.2	Type and extent of control	7.4.1	Purchasing process
		7.4.3	Verification of purchased product
8.4.2.1	Verification of externally provided products and services	7.4.3	Verification of purchased product
8.4.3	Information for external providers	7.4.2	Purchasing process
		7.4.3	Verification of purchased product
8.5	Production and service provision	7.5	Production and service provision
8.5.1	Control of production and service provision	7.5.1	Control of production and service provision
		7.5.2	Validation of processes for production and service provision
8.5.1.1	Control of production equipment, tools and software programs	7.5.1.3	Control of Production Equipment, Tools and Software Programs
8.5.1.2	Validation and control of special processes	7.5.1.4	Validation and control of special processes
8.5.1.3	Production process verification	7.5.1.1	Production process verification
8.5.2	Identification and traceability	7.5.3	Identification and traceability
8.5.3	Property belonging to customers or external providers	7.5.4	Customer property
8.5.4	Preservation	7.5.5	Preservation of product
8.5.5	Post-delivery activities	7.5.1	Control of production and service provision
		7.5.1.4	Post-delivery support
8.5.6	Control of changes	7.3.7	Control of Design and Development Changes
8.6	Release of products and services	7.4.3	Verification of purchased product
		8.2.4	Monitoring and measurement of product
8.7	Control of nonconforming outputs	8.3	Control of nonconforming product
<b>9</b>	<b>Performance evaluation</b>	<b>8</b>	<b>Measurement, analysis and improvement</b>
9.1	Monitoring, measurement, analysis and evaluation	8	Measurement, analysis and improvement
9.1.1	General	8.1	General
		8.2.3	Monitoring and Measurement Processes
9.1.2	Customer satisfaction	8.2.1	Customer satisfaction
9.1.3	Analysis and evaluation	8.4	Analysis of data
9.2	Internal audit	8.2.2	Internal audit
9.3	Management review	5.6	Management review
9.3.1	General	5.6.1	General
9.3.2	Management review input	5.6.2	Review input
9.3.3	Management review output	5.6.3	Review output
<b>10</b>	<b>Improvement</b>	<b>8.5</b>	<b>Improvement</b>

10.1	General	8.5.1	Continual improvement
10.2	Nonconformity and corrective action	8.3 8.5.2	Control of nonconforming product Corrective action
10.3	Continual Improvement	8.5.1 8.5.3	Continual improvement Preventive action

### Correlation Matrix: 9100:2009 and 9100:2016

Source: International Aerospace Quality Group (IAQG)

9100:2009		9100:2016	
<b>4</b>	<b>Quality management system</b>	4	Context of the organization
4.1	General requirements	4.4 8.4	Quality management system and its processes Control of externally provided processes, products and services
4.2	Documentation requirements	7.5	Documented information
4.2.1	General	7.5.1	General
4.2.2	Quality manual	4.3 7.5.1 4.4	Determining the scope of the quality management system General Quality management system and its Processes
4.2.3	Control of documents	7.5.2 7.5.3	Creating and updating Control of documented Information
4.2.4	Control of records	7.5.2 7.5.3	Creating and updating Control of documented Information
<b>5</b>	<b>Management responsibility</b>	<b>5</b>	<b>Leadership</b>
5.1	Management commitment	5.1.5	Leadership and commitment
5.2	Customer focus	5.1.2	Customer focus
5.3	Quality policy	5.2 5.2.1 5.2.2	Policy Developing the Quality policy Communicating the Quality policy
5.4	Planning	<b>6</b>	<b>Planning</b>
5.4.1	Quality objectives	6.2	Quality objectives and planning to achieve them
5.4.2	Quality management system planning	6 6.1 6.3	Planning Actions to address risks and opportunities Planning of changes
5.5	5.5 Responsibility, authority and communication	<b>5</b>	<b>Leadership</b>
5.5.1	Responsibility and authority	5.3	Organizational roles, responsibilities and authorities
5.5.2	Management representative	5.3	Organizational roles, responsibilities and authorities
5.5.3	Internal communication	7.4	Communication
5.6	Management review	9.3	Management review
5.6.1	General	9.3.1	General
5.6.2	Review input	9.3.2	Management review input
5.6.3	Review output	9.3.3	Management review output

<b>6</b>	<b>Resource management</b>	<b>7</b>	<b>Support Resources</b>
6.1	Provision of resources	7.1.1	General
		7.1.2	People
6.2	Human resources	7.2	Competence
6.2.1	General	7.2	Competence
6.2.2	Competence, training and awareness	7.2	Competence
		7.3	Awareness
6.3	Infrastructure	7.1.3	Infrastructure
6.4	Work environment	7.1.4	Environment for the operation of processes
<b>7</b>	<b>Product realization</b>	<b>8</b>	<b>Operation</b>
7.1	Planning of product realization	8.1	Operational planning and control
7.1.1	Project Management	8.1	Operational planning and control
7.1.2	Risk Management	8.1.1	Operational risk management
7.1.3	Configuration Management	8.1.2	Configuration Management
7.1.4	Control of Work Transfers	8.1	Operational planning and control
7.2	Customer-related processes	8.2	Requirements for products and services
7.2.1	Determination of requirements related to the product	8.2.2	Requirements related to products and services
7.2.2	Review of requirements related to the product	8.2.3	Review of requirements related to products and services
		8.2.4	Changes to requirements for products and services
7.2.3	Customer communication	8.2.1	Customer communication
7.3	Design and development	8.3	Design and development of products and services
7.3.1	Design and development planning	8.3.1	General
		8.3.2	Design and development planning
		8.1.3	„Product safety“
7.3.2	Design and development inputs	8.3.3	Design and development Inputs
7.3.3	Design and development outputs	8.3.5	Design and development outputs
7.3.4	Design and development review	8.3.4	Design and development controls
7.3.5	Design and development verification	8.3.4	Design and development controls
7.3.6	Design and development validation	8.3.4	Design and development controls
7.3.6.1	Design and Development Verification and Validation Testing	8.3.4.1	(no title)
7.3.6.2	Design and Development Verification and Validation Documentation	8.3.4.1	(no title)
7.3.7	Control of design and development changes	8.3.6	Design and development changes
7.4	Purchasing	8.4	Control of externally provided processes, products and services
7.4.1	Purchasing process	8.4.1	General
		8.4.2	Type and extent of control
7.4.2	Purchasing information	8.4.3	Information for external providers
7.4.3	Verification of purchased product	8.4.3	Information for external providers
		8.6	Release of products and services
7.5	Production and service provision	8.5	Production and service provision

75.1	Control of production and service provision	8.5.1	Control of production and service provision
		8.5.5	Post-delivery activities
75.1.1	Production Process Verification	8.5.1.3	Production process verification
75.1.2	Control of Production Process Changes	8.1	Operational planning and control
75.1.3	Control of Production Equipment, Tools and Software Programs	8.5.1.1	Control of production equipment, tools and software programs
75.1.4	Post-Delivery Support	8.5.5	Post-delivery activities
75.2	Validation of processes for production and service provision	8.5.1	Control of production and service provision
75.3	Identification and traceability	8.5.2	Identification and traceability
75.4	Customer property	8.5.3	Property belonging to customers or external providers
75.5	Preservation of product	8.5.4	Preservation
7.6	Control of monitoring and measuring equipment	7.1.5	Monitoring and measuring resources
		7.1.5.1	General
		7.1.5.2	Measurement traceability
<b>8</b>	<b>Measurement, analysis and improvement</b>	<b>9</b>	<b>Performance evaluation</b>
		9.1	Monitoring, measurement, analysis and evaluation
8.1	General	9.1.1	General
8.2	Monitoring and measurement	9.1	Monitoring, measurement, analysis and evaluation
8.2.1	Customer satisfaction	9.1.2	Customer satisfaction
8.2.2	Internal audit	9.2	Internal audit
8.2.3	Monitoring and measurement of processes	9.1.1	General
8.2.4	Monitoring and measurement of product	8.6	Release of products and services
8.3	Control of nonconforming product	8.7	Control of nonconforming outputs
8.4	Analysis of data	9.1.3	Analysis and evaluation
8.5	Improvement	<b>10</b>	<b>Improvement</b>
8.5.1	Continual improvement	10.1	General
		10.3	Continual Improvement
8.5.2	Corrective action	10.2	Nonconformity and corrective action
8.5.3	Preventive action	6.1	Actions to address risks and opportunities (see 6.1.1, 6.1.2)

Questions about changing to the new version of the EN/AS 9100 or want to be certified in accordance with EN/AS 9100:2016? Feel free to contact us!



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