MANAGEMENT SYSTEMS · TRANSPORTATION · EN/AS 9100 SERIES OF STANDARDS



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
4	Context of the organization	1	Scope
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 4.2.2	1.2 Application Quality manual
4.4	Quality management system and its processes	4 4.1	Quality management system General requirements
5	Leadership	5	Management responsibility
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 5.5.2 5.4.2	Responsibility and authority Management representative Quality management system planning



Actions to address risks and opportunities5.4.2Quality management system planning6.2Quality objectives and planning to achieve them6.4.1Quality objectives6.3Planning of changes6.4.2Quality management system planning7Support6.0Resource management7.1Senore6.0Resource management7.1General6.1Provision of resources7.1.1General6.1Provision of resources7.1.2Pople6.1Provision of resources7.1.3Infrastructure6.3Infrastructure7.1.4Environment for the operation of processes6.4Outrol of monitoring and measuring equipment7.1.4Environment for the operation of processes6.4Control of monitoring and measuring equipment7.1.5Measurement traceability7.6Control of monitoring and measuring equipment7.1.6GeneralCanControl of monitoring and awareness7.1.6Organizational knowledgeCanControl of control and awareness7.2.6Control of monitoring and awarenessCan7.3.6AwarenessCalControl of control and awareness7.4.7ConstructureCalControl of control and awareness7.5.8Documented
A.3Planning of changes54.2Quality management system planning7Support6Resource management7.1Resources6Resource management7.1General6.1Provision of resources7.1General6.1Provision of resources7.1Infrastructure6.3Infrastructure7.1Infrastructure6.3Infrastructure7.14Environment for the operation of processes6.4Work environment7.15General7.6Control of monitoring and measuring equipment7.15General7.6Control of monitoring and measuring equipment7.15Measurement traceability7.6Control of monitoring and measuring equipment7.16Organizational knowledge2.2Competence, training and awareness7.3Awareness6.2.1General7.4Communication5.3Internal communication7.5Jocumented information4.2Documentation7.6General4.2Control of records7.7General4.2Control of documents7.8Goneral4.2Sourcements7.9Jocumented information4.2Sourcements7.9Control of documents4.2.4Control of records7.8Control of documents4.2.4Control of records7.9Control of documents4.2.4Control of records7.1General7Product realization7.2
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8.1.1 Operation risk management 7.1.2 Risk Management
812 Configuration management 713 Configuration Management
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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 7.4.3	Purchasing process 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 7.4.3	Purchasing process 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 7.5.2	Control of production and service provision 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 7.5.1.4	Control of production and service provision 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 8.2.4	Verification of purchased product Monitoring and measurement of product
8.7	Control of nonconforming outputs	8.3	Control of nonconforming product
9	Performance evaluation	8	Measurement, analysis and improvement
9.1	Monitoring, measurement, analysis and evaluation	8	Measurement, analysis and improvement
9.1.1	General	8.1 8.2.3	General 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	nternal 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
10	Improvement	8.5	Improvement



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	0:2009	9100	0:2016
4	Quality management system	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
5	Management responsibility	5	Leadership
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	6	Planning
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	5	Leadership
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



6	Resource management	7 7.1	Support Resources
6.1	Provision of resources	7.1.1 7.1.2	General People
6.2	Human resources	7.2	Competence
6.2.1	General	7.2	Competence
6.2.2	Competence, training and awareness	7.2 7.3	Competence Awareness
6.3	Infrastructure	7.1.3	Infrastructure
6.4	Work environment	7.1.4	Environment for the operation of processes
7	Product realization	8	Operation
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 8.2.4	Review of requirements related to products and servicesChanges 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 8.3.2 8.1.3	General Design and development planning "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 8.4.2	General 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 8.6	Information for external providers Release of products and services
7.5	Production and service provision	8.5	Production and service provision



7.5.1	Control of production and service provision	8.5.1 8.5.5	Control of production and service provision Post-delivery activities
7.5.1.1	Production Process Verification	8.5.1.3	Production process verification
7.5.1.2	Control of Production Process Changes	8.1	Operational planning and control
7.5.1.3	Control of Production Equipment, Tools and Software Programs	8.5.1.1	Control of production equipment, tools and software programs
7.5.1.4	Post-Delivery Support	8.5.5	Post-delivery activities
7.5.2	Validation of processes for production and service provision	8.5.1	Control of production and service provision
7.5.3	Identification and traceability	8.5.2	Identification and traceability
7.5.4	Customer property	8.5.3	Property belonging to customers or external providers
7.5.5	Preservation of product	8.5.4	Preservation
7.6	Control of monitoring and measuring equipment	7.1.5 7.1.5.1 7.1.5.2	Monitoring and measuring resources General Measurement traceability
8	Measurement, analysis and improvement	9 9.1	Performance evaluation Monitoring, measurement, analysis and evaluation
8.1	General	9.1.1	General
8.1 8.2	General Monitoring and measurement	9.1.1 9.1	General Monitoring, measurement, analysis and evaluation
8.2	Monitoring and measurement	9.1	Monitoring, measurement, analysis and evaluation
8.2 8.2.1	Monitoring and measurement Customer satisfaction	9.1 9.1.2	Monitoring, measurement, analysis and evaluation Customer satisfaction
8.2 8.2.1 8.2.2	Monitoring and measurement Customer satisfaction Internal audit	9.1 9.1.2 9.2	Monitoring, measurement, analysis and evaluation Customer satisfaction Internal audit
8.2 8.2.1 8.2.2 8.2.3	Monitoring and measurement Customer satisfaction Internal audit Monitoring and measurement of processes	9.1 9.1.2 9.2 9.1.1	Monitoring, measurement, analysis and evaluation Customer satisfaction Internal audit General
8.2 8.2.1 8.2.2 8.2.3 8.2.4	Monitoring and measurement Customer satisfaction Internal audit Monitoring and measurement of processes Monitoring and measurement of product	9.1 9.1.2 9.2 9.1.1 8.6	Monitoring, measurement, analysis and evaluation Customer satisfaction Internal audit General Release of products and services
8.2 8.2.1 8.2.2 8.2.3 8.2.4 8.3	Monitoring and measurement Customer satisfaction Internal audit Monitoring and measurement of processes Monitoring and measurement of product Control of nonconforming product	9.1 9.1.2 9.2 9.1.1 8.6 8.7	Monitoring, measurement, analysis and evaluation Customer satisfaction Internal audit General Release of products and services Control of nonconforming outputs
8.2 8.2.1 8.2.2 8.2.3 8.2.4 8.3 8.4	Monitoring and measurement Customer satisfaction Internal audit Monitoring and measurement of processes Monitoring and measurement of product Control of nonconforming product Analysis of data	9.1 9.12 9.2 9.1.1 8.6 8.7 9.1.3	Monitoring, measurement, analysis and evaluation Customer satisfaction Internal audit General Release of products and services Control of nonconforming outputs Analysis and evaluation
8.2 8.2.1 8.2.2 8.2.3 8.2.4 8.3 8.4 8.5	Monitoring and measurement Customer satisfaction Internal audit Monitoring and measurement of processes Monitoring and measurement of product Control of nonconforming product Analysis of data Improvement	9.1 9.2 9.2 9.1.1 8.6 8.7 9.1.3 9.1.3 10 10.1	Monitoring, measurement, analysis and evaluation Customer satisfaction Internal audit General Release of products and services Control of nonconforming outputs Analysis and evaluation Improvement General

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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