**Correlation matrices between 9120:2009 and 9120:2016**

This document gives correlation matrices from 9120:2009 to 9120:2016.

This document can be used to highlight where the new and revised clauses are located.

Please note that Annex A in 9120:2016 states the following:

***A.1 Structure and terminology***

* *The clause structure and some of the terminology of this International Standard, in comparison with 9120:2009, have been changed to improve alignment with other management systems standards.*
* *The consequent changes in the structure and terminology do not need to be reflected in the documentation of an organization’s quality management system.*
* *The structure of clauses is intended to provide a coherent presentation of requirements rather than a model for documenting an organization’s policies, objectives and processes. There is no requirement for the structure of an organization's quality management system documentation to mirror that of this International Standard.*

**9100:2016 to 9100:2009**

**Correlation Matrix**

|  |  |
| --- | --- |
| **9120:2016** | **9120:2009** |
| **4 Context of the organization** | **1.0 Scope** |
| 4.1 Understanding the organization and its context | 1.1 General |
| 4.2 Understanding the needs and expectations of interested parties | 1.1 General |
| 4.3 Determining the scope of the quality management system | 1.2 Application  4.2.2 Quality manual |
| 4.4 Quality management systemand its processes | 4 Quality management system  4.1 General |
| **5 Leadership** | **5 Management responsibility** |
| 5.1 Leadership and commitment | 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 |
| **6 Planning** |  |
| 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 |
| **7 Support** | **6 Resource management** |
| 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 |
| **8 Operation** | **7 Product realization** |
| 8.1 Operational planning and control | 7.1 Planning of product realization |
| *8.1.2 Configuration management* | 7.1.3 Configuration Management |
| *8.1.4 Prevention of counterfeit parts* | 7.4.1.g prevention of counterfeit parts |
| *8.1.5 Prevention of Suspected Unapproved Parts* | 7.4.1.g prevention of unapproved parts |
| 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 the 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 | New |
| 8.4 Control of externally provided processes, products and services | 7.4.1 Purchasing process |
| 8.4.1 General | 7.4.1 Purchasing process |
| 8.4.2 Type and extent of control | 7.4.1 Purchasing process  7.4.3 Verification of purchased product |
| 8.4.3 Information for external providers | 7.4.2 Purchasing information  7.4.3 Verification of purchased product |
| 8.5 Production and service provision | 7.3 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 equipment, tools and software programs* | *New* |
| 8.5.2 Identification and traceability | 7.5.3 Identification and traceability  8.2.5 Evidence of Conformity |
| 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 processes  8.2.5 Evidence of Conformity |
| 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 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 inputs | 5.6.2 Review input |
| 9.3.3 Management review outputs | 5.6.3 Review output |
| **10 Improvement** |  |
| 10.1 General | 8.5.1 Continual improvement |
| 10.2 Nonconformity and corrective action | 8.3 Control of nonconforming product  8.5.2 Corrective action |
| 10.3 Continual Improvement | 8.5.1 Continual improvement  8.5.3 Preventive action |

**9100:2009 to 9100:2016**

**Correlation Matrix**

|  |  |
| --- | --- |
| **9100:2009** | **9100:2016** |
| **4 Quality management system** | **4 Context of the organization** |
| 4.1 General requirements | 4.4 Quality management system and its processes |
| 4.2 Documentation requirements | 7.5 Documented information |
| 4.2.1 General | 7.5.1 General |
| 4.2.2 Quality manual | 4.3 Determining the scope of the quality management system  7.5.1 General  4.4 Quality management system and its Processes |
| 4.2.3 Control of documents | 7.5.2 Creating and updating  7.5.3 Control of documented Information |
| 4.2.4 Control of records | 7.5.2 Creating and updating  7.5.3 Control of documented Information |
| **5 Management responsibility** | **5 Leadership** |
| 5.1 Management commitment | 5.1 Leadership and commitment |
| 5.2 Customer focus | 5.2 Customer focus |
| 5.3 Quality policy | 5.3 Quality policy  5.3.1 Developing the Quality policy  5.3.2 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 Planning for the quality management system  6.1 Actions to address risks and opportunities  6.3 Planning of changes |
| 5.5 Responsibility, authority and communication | 5 Leadership |
| 5.5.1 Responsibility and authority | 5.4 Organizational roles, responsibilities and authorities |
| 5.5.2 Management representative | 5.4 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 | 9.3.1 Management review input |
| 5.6.3 Review output | 9.3.2 Management review output |
| **6 Resource management** | **7 Support**  7.1 Resources |
| 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 |
| **7 Product realization** | **8 Operation** |
| 7.1 Planning of product realization | 8.1 Operational planning and control |
| *7.1.1 Configuration Management* | *8.1.2 Configuration Management* |
| *7.1.2 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 Determination of requirements related to products and services |
| 7.2.2 Review of requirements related to the product | 8.2.3 Review of requirements related to the products and services  8.2.4 Changes to requirements for products and services |
| 7.2.3 Customer communication | 8.2.1 Customer communication |
| 7.3.7 Control of design and development changes | 8.3.6 Design and development changes |
| 7.4 Purchasing | 8.4 Control of externally provided 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 |
| 7.5.1 Control of production and service provision | 8.5.1 Control of production and service provision  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 Monitoring and measuring resources  7.1.5.1 General  7.1.5.2 Measurement traceability |
| **8.0 Measurement, analysis and improvement** | **9 Performance evaluation**  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 |
| *8.2.5 Evidence of Conformity* | *8.5.2 Identification and Traceability*  *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 | **10 Improvement** |
| 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) |