

ABS Correlation Matrix

ISO 9001:2008 | TS 16949:2009 vs. ISO 9001:2015 & IATF 16949:2016

Items in Bold are IATF Specific

ISO 9001:2008 & TS 16949:2009 Existing Clause	ISO 9001:2015 & IATF 16949:2016 New Clause
4 Quality Management System (Section title)	N/A
4.1 General Requirements	4.4 Quality management system and its processes
4.1.1 General requirements	4.4 Quality management system and its processes
4.2.2 Quality Manual	None (a Quality Manual is no longer specifically required, however the content previously found in a quality manual is now specified under clauses 4.3 Determining the Scope of the Quality Management System, 7.5.1 General, and 4.4 Quality Management System and its processes)
4.2.3 Control of Documents	7.5 Documented Information, 7.5.1 General, 7.5.3 Control of Documented Information, 8.5.6 Control of changes
4.2.3.1 Engineering specifications	7.5.3.2.2 Engineering specification
4.2.4 Control of Records	7.5 Documented Information, 7.5.1 General, 7.5.3 Control of Documented Information, 8.5.6 Control of changes
4.2.4.1 Records retention	7.5.3.2.1 Record retention
5 Management Responsibility (Section title)	N/A
5.1 Management Commitment	5.1 Leadership and commitment
5.1.1 Process efficiency	5.1.1.2 Process effectiveness and efficiency
5.2 Customer Focus	5.1 Leadership and commitment
5.3 Quality Policy	5.2 Policy
5.4.1 Quality Objectives	6.2 Quality objectives and planning to achieve them
5.4.1.1 Quality objectives	6.2.2.1 Quality objectives and planning to achieve them - Supplemental
5.4.2 Quality Management System Planning	6.2 Quality objectives and planning to achieve them, 6.3 Planning of changes
5.5.1 Responsibility and Authority	5.3 Organizational roles, responsibilities and authorities
5.5.1.1 Responsibility for quality	5.3.2 Responsibility and authority for product requirements and corrective actions

5.5.2 Management Representative	None (this position has been eliminated)
5.5.2.1 Customer representative	5.3.1 Organizational roles, responsibilities, and authorities
5.5.3 Internal Communication	7.4 Communication
5.6 Management Review	9.3 Management review
5.6.1.1 Quality management system performance	9.3.1.1 Management review - Supplemental
5.6.2.1 Review input	9.3.2.1 Management review inputs – supplemental
5.6.3 Review output	9.3.3. Management review outputs 9.3.3.1 Management Review Outputs - Supplemental
6 Resource Management (Section title)	N/A
6.1 Provision of Resources	7.1 Resources, 7.1.1 General
6.2 Human Resources	7.1.2 People, 7.2 Competence, 7.3 Awareness
6.2.2.1 Product design skills	8.3.2.2 Product design skills
6.2.2.3 Training on the job	7.2.2 Competence – on the job training
6.2.2.4 Employee motivation and empowerment	7.3.1 Awareness – supplemental 7.3.2 Employee motivation and empowerment
6.3 Infrastructure	7.1.3 Infrastructure
6.3.1 Plant, facility and equipment planning	7.1.3.1 Plant, facility, and equipment planning
6.3.2 Contingency plans	6.1.2.3 Contingency plans
6.4 Work Environment	7.1.4 Environment for the operation of processes
6.4.1 Personnel safety to achieve conformity to product requirements	4.4.1.2 Product Safety 4.4.2 (clause does not have a title)
6.4.2 Cleanliness of premises	7.1.4.1 Environment for the operation of processes – supplemental
7 Product Realization (Section title)	N/A
7.1 Planning of Product Realization	8.1 Operational planning and control
7 .1.1 Planning of product realization	8.1.1 Operational planning and control – supplemental
7 .1.2 Acceptance criteria	8.6.6 Acceptance criteria
7 .1.3 Confidentiality	8.1.2 Confidentiality
7.1.4 Change control	8.5.6.1 Control of changes – supplemental
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, 8.5.5 Post-delivery activities
7 .2.1.1 Customer-designated special characteristics	8.2.3.1.2 Customer designated special characteristics

7.2.2 Review of Requirements Related to the Product	8.2.3 Review of requirements related to products and services
7.2.2.1 Review of requirements related to the product	8.2.3.1.1 Review of the requirements for products and services – supplemental
7.2.2.2 Organization manufacturing feasibility	6.1.2.1 Risk analysis 8.2.3.1.3 Organization manufacturing feasibility 8.2.3.2 (clause does not have a title)
7.2.3 Customer Communication	8.2.1 Customer communication
7.2.3.1 Customer communication	8.2.1.1 Customer communication – supplemental
7.3 Design and Development	8.3 Design and development of products and services
7.3 Design and Development	8.3.1 General
7.3.1 Design and Development Planning	8.3.2 Design and development planning
7.3.1.1 Multidisciplinary approach	8.3.2.1 Design and development planning – supplemental
7.3.2 Design and Development Inputs	8.3.3 Design and development Inputs
7.3.2.1 Product design input	8.3.3.1 Product design input
7.3.2.2 Manufacturing process design input	8.3.3.2 Manufacturing process design input
7.3.2.3 Special characteristics	8.3.3.3 Special characteristics
7.3.3 Design and Development Outputs	8.3.5 Design and development outputs
7.3.3.1 Product design outputs	8.3.5.1 Design and development outputs – supplemental
7.3.3.2 Manufacturing process design output	8.3.5.2 Manufacturing process design output
7.3.4 Design and Development Review	8.3.4 Design and development controls
7.3.4.1 Monitoring	8.3.4.1 Monitoring
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 validation	8.3.4.2 Design and development validation
7.3.6.2 Prototype programme	8.3.4.3 Prototype programme
7.3.6.3 Product approval process	8.3.4.4 Product approval process
7.3.7 Design and Development Changes	8.3.6 Design and development changes
7.4.1 Purchasing Process	8.4 Control of externally provided products and services, 8.4.1 General, 8.4.2 Type and extent of control
7.4.1.1 Statutory and regulatory conformity	8.4.2.2 Statutory and regulatory requirements 8.6.5 Statutory and regulatory conformity
7.4.1.2 Supplier quality management system development	8.4.2.3 Supplier quality management system development

7.4.1.3 Customer-approved sources	8.4.1.3 Customer-directed sources (also known as “Direct-Buy”)
7.4.2 Purchasing Information	8.4.3 Information for external providers
7.4.3 Verification of Purchased Product	8.4.2 Type and extent of control
7.4.3.1 Incoming product conformity to requirements	8.4.2.1 Type and extent of control – supplemental. 8.4.2.5 Supplier development 8.6.4 Verification and acceptance of conformity of externally provided products and services
7.4.3.2 Supplier monitoring	8.4.2.4 Supplier monitoring 8.7.1.6 Customer notification
7.5.1 Control of Production and Service Provision	8.5 Production and service provision, 8.5.1 Control of production and service provision
7.5.1.1 Control plan	8.5.1.1 Control plan
7.5.1.2 Work instructions	8.5.1.2 Standardized work – operator instructions and visual standards
7.5.1.3 Verification of job set-ups	8.5.1.3 Verification of job set-ups
7.5.1.4 Preventive and predictive maintenance	8.5.1.5 Total productive maintenance
7.5.1.5 Management of production tooling	8.5.1.6 Management of production tooling and manufacturing, test, inspection tooling and equipment
7.5.1.6 Production scheduling	8.5.1.7 Production scheduling
7.5.1.7 Feedback of information from service	8.5.5.1 Feedback of information from service
7.5.1.8 Service agreement with customer	8.5.5.2 Service agreement with customer
7.5.2 Validation of Processes for Production and Service Provision	8.5 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
7.5.3.1 Identification and traceability	8.5.2.1 Identification and traceability – supplemental
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
7.5.5.1 Storage and inventory	8.5.4.1 Preservation – supplemental
7.6 Control of Monitoring and Measurement Equipment	7.1.5 Monitoring and measuring resources

7.6.1 Measurement system analysis	7.1.5.1.1 Measurement system analysis 7.1.5.2 Measurement traceability
7.6.2 Calibration/verification records	7.1.5.2.1 Calibration/verification records
7.6.3 Laboratory requirements	7.1.5.3 Laboratory requirements
7.6.3.1 Internal laboratory	7.1.5.3.1 Internal laboratory
7.6.3.2 External laboratory	7.1.5.3.2 External laboratory
8 Measurement, Analysis, and Improvement	N/A
8.1 General	9.1.1 General
8.1.1 Identification of statistical tools	9.1.1.2 Identification of statistical control
8.1.2 Knowledge of basic statistical concepts	9.1.1.3 Application of statistical concepts
8.2 Monitoring and Measurement	9.1 Monitoring, measurement, analysis and evaluation
8.2.1 Customer Satisfaction	9.1.2 Customer satisfaction
8.2.1.1 Customer satisfaction	8.7.1.6 Customer notification 9.1.2.1 Customer satisfaction – supplemental
8.2.2 Internal Audit	9.2 Internal audit
8.2.2.1 Quality management system audit	9.2.2.2 Quality management system audit
8.2.2.2 Manufacturing process audit	9.2.2.3 Manufacturing process audit
8.2.2.3 Product audit	9.2.2.4 Product audit
8.2.2.4 Internal audit plans	9.2.2.1 Internal audit programme
8.2.2.5 Internal auditor qualification	7.2.3 Internal auditor competency
8.2.3 Monitoring and Measurement of Processes	9.1 Monitoring, measurement, analysis and evaluation
8.2.3.1 Monitoring and measurement of manufacturing processes	9.1.1.1 Monitoring and measurement of manufacturing processes
8.2.4 Monitoring and Measurement of Product	8.6 Release of products and services
8.2.4.1 Layout inspection and functional testing	8.6.2 Layout inspection and functional testing
8.2.4.2 Appearance items	8.6.3 Appearance items
8.3 Control of Nonconforming Product	8.7 Control of nonconforming outputs, 10.1 General, 10.2 Nonconformity and Corrective Action

8.3.1 Control of Nonconforming Product	8.7.1.2 Control of nonconforming product – customer-specified process 8.7.1.3 Control of suspect product 8.7.1.7 Nonconforming product disposition 8.7.2 (clause does not have a title)
8.3.2 Control of Reworked Product	8.7.1.4 Control of reworked product
8.3.3 Customer Information	8.7.1.5 Control of repaired product
8.3.4 Customer Waiver	8.7.1.1 Customer authorization for concession
8.4 Analysis of Data	9.1.3 Analysis and evaluation
8.5.1 Continual Improvement	10.1 General, 10.3 Continual Improvement
8.5.1.1 Continual Improvement of the Organization	10.3.1 Continual improvement – supplemental
8.5.1.2 Manufacturing Process Improvement	10.3.1 Continual improvement – supplemental
8.5.2 Corrective Action	10.2 Nonconformity and Corrective Action
8.5.2.1 Problem solving	10.2.3 Problem solving
8.5.2.2 Error-proofing	10.2.4 Error-proofing
8.5.2.4 Rejected product test analysis	10.2.6 Customer complaints and field failure test analysis
8.5.3 Preventive Action	None (although in spirit this requirement is found in clause 6.2.1 and 6.2.2)