

Section	Section Title	ISO 9001:2015 Requirement	IATF 16949:2016 Additions	Topic of Additional Requiements
4	Context of the organization			
4.1	Understanding the organization and its context	✓		
4.2	Understanding the needs and expectations of interested parties	✓		
4.3	Determining the scope of the quality management system	✓	✓	4.3.1- Determining the scope - Supplemental, 4.3.2 Customer specific requirements
4.4	Quality management system and its processes	✓	✓	4.4.1.1- Conformance of products and processes, 4.4.1.2- Product safety
5	Leadership			
5.1	Leadership & commitment	✓		
5.1.1	General	✓	✓	5.1.1.1- Corporate responsibility, 5.1.1.2- Process effectiveness and efficiency, 5.1.1.3- Process owners,
5.1.2	Customer Focus	✓		
5.2	Policy			
5.2.1	Establishing the quality policy	✓		
5.2.2	Communicating the Quality Policy	✓		
5.3	Organizational roles, responsibilities and authorities	✓	✓	5.3.1- Organizational roles, Responsibility and authority - Supplemental, 5.3.2- Responsibility and authority for product requirements and corrective action
6	Planning			
6.1	Actions to address risks and opportunities	✓	✓	6.1.2.1- Risk analysis, 6.1.2.2- Preventative action, 6.1.2.3- Contingency plans
6.2	6.2.1 & 6.2.2- Quality objectives and planning to achieve them	✓	✓	6.2.2.1- Quality objectives - Supplemental
6.3	Planning of changes	✓		
7	Support			
7.1	Resources	✓		
7.1.1	General	✓		
7.1.2	People	✓		
7.1.3	Infrastructure	✓	✓	7.1.3.1- Plant, facility, and equipment planning, Environment for the operation of processes,
7.1.4	Environment for the operation of processes,	✓	✓	7.1.4.1- Environment for the operation of processes-supplemental
7.1.5	Monitoring and Measuring resources			
7.1.5.1	General	✓	✓	7.1.5.1.1- Measurement systems analysis
7.1.5.2	Measurement traceability	✓	✓	7.1.5.2- Measurement traceability 7.1.5.2.1- Calibration/verification records 7.1.5.3- Laboratory requirements 7.1.5.3.1- Internal Laboratory 7.1.5.3.2- External Laboratory
7.1.6	Organizational knowledge	✓		

7.2	Competence	✓	✓	7.2.1- Competence - Supplemental, 7.2.2- Competence- On-the job training, 7.2.3- Internal auditor competency, 7.2.4- Second-party auditor competency
7.3	Awareness	✓	✓	7.3.1- Awareness - Supplemental, 7.3.2- Employee motivation and empowerment
7.4	Communication	✓		
7.5	Documented Information			
7.5.1	General	✓	✓	7.5.1.1- Quality management system documentation,
7.5.2	Creating & updating	✓		
7.5.3	Control of documented information	✓	✓	7.5.3.2.1- Record retention, 7.5.3.2.2- Engineering specifications
8	Operation			
8.1	Operational planning and control	✓	✓	8.1.1- Operational planning - Supplemental, 8.1.2- Confidentiality
8.2	Requirements for products and services			
8.2.1	Customer Communication	✓	✓	8.2.1.1- Customer communication - Supplemental,
8.2.2	Determining the requirements for products and services	✓	✓	8.2.2.1- Determining the requirements of products and services -Supplemental,
8.2.3	Review the requirements for products and services	✓	✓	8.2.3.1.1- Review the requirements for products and services-supplemental 8.2.3.1.2- Customer - designated special characteristics, 8.2.3.1.3- Organization manufacturing feasibility
8.2.4	Changes to requirements for product and	✓		
8.3	Design and development of products and services			
8.3.1	General	✓	✓	8.3.1.1- Design and development of products and services - Supplemental
8.3.2	Design and development Planning	✓	✓	8.3.2.1- Design and development Planning- Supplemental 8.3.2.2- Product design skills 8.3.2.3- Development of products with embedded software
8.3.3	Design and development inputs	✓	✓	8.3.3.1- Product design input 8.3.3.2- Manufacturing process design input 8.3.3.3- Special characteristics
8.3.4	Design and development controls	✓	✓	8.3.4.1- Monitoring 8.3.4.2- Design and development validation 8.3.4.3- Prototype program 8.3.4.4- Product approval process
8.3.5	Design and development outputs	✓	✓	8.3.5.1- Design and development outputs- Supplemental, 8.3.5.2- Manufacturing process design output,
8.3.6	Design and development changes	✓	✓	8.3.6.1- Design and development changes - Supplemental
8.4	Control of externally provided processes, products and services			
8.4.1	General	✓	✓	8.4.1.1- General - Supplemental, 8.4.1.2- Supplier selection process, 8.4.1.3- Customer-directed sources (also known as "direct-buy")

8.4.2	Type and extent of control	✓	✓	8.4.2.1- Type and Control - Supplemental 8.4.2.2- Statutory and regulatory requirements, 8.4.2.3- Supplier quality management system development, 8.4.2.3.1- Automotive product- related software, 8.4.2.4- Supplier monitoring, 8.4.2.4.1- Second-party audits, 8.4.2.5- Supplier development
8.4.3	Information of external providers	✓	✓	8.4.3.1- Information of external providers-supplement
8.5	Production and service provision			
8.5.1	Control of Production and service provision	✓	✓	8.5.1- Control of Production and service provision 8.5.1.1- Control plan, 8.5.1.2- Standardized work- Operator Instruction and visual standards 8.5.1.3- Verification of job setups 8.5.1.4- Verification after shutdown, 8.5.1.5- Total productive maintenance, 8.5.1.6- Management of production tooling and manufacturing, test, inspection tooling and equipment 8.5.1.7- Production scheduling,
8.5.2	Identification & Traceability	✓	✓	8.5.2- Identification & Traceability 8.5.2.1- Identification and traceability - Supplemental,
8.5.3	Property belonging to customer or external providers	✓	✓	
8.5.4	Preservation	✓	✓	8.5.4.1- Preservation - Supplemental
8.5.5	Post-delivery activities	✓	✓	8.5.5.1-Feedback of information from service, 8.5.5.2- Service agreement with customer
8.5.6	Control of changes	✓	✓	8.5.6.1- Control of changes - Supplemental, 8.5.6.1.1- Temporary change of process controls
8.6	Release of products and services	✓	✓	8.6.1- Release of products and services - Supplemental, 8.6.2- Layout inspection and functional testing, 8.6.3- Appearance items, 8.6.4- Verification of conformity of externally provided products and services, 8.6.5- Statutory and regulatory conformity, 8.6.6- Acceptance criteria
8.7	Control of nonconforming outputs	✓	✓	8.7.1.1- Customer authorization for concession, 8.7.1.2- Customer specified process, 8.7.1.3- Control of reworked product, 8.7.1.4- Control of reworked product, 8.7.1.5- Control of repaired product, 8.7.1.6- Customer notification, 8.7.1.7- Nonconforming product disposition
9	Performance evaluation			
9.1.1	Monitoring, measurement, analysis and evaluation	✓	✓	9.1.1.1- Monitoring and measurement of manufacturing processes, 9.1.1.2- Identification of statistical tools, 9.1.1.3-Application of statistical concepts, ,
9.1.2	Customer satisfaction	✓	✓	9.1.2.1- Customer satisfaction - Supplemental
9.1.3	Analysis and evaluation	✓	✓	9.1.3.1- Prioritization

9.2	Internal audit	✓	✓	9.2.2.1- Internal audit program, 9.2.2.2- Quality management system audit, 9.2.2.3- Manufacturing process audit, 9.2.2.4- Product audit
9.3.1	Management review	✓	✓	9.3.1.1- Management review - Supplemental,
9.3.2	Management review inputs	✓	✓	9.3.2.1- Management review inputs - Supplemental,
9.3.3	Management review outputs	✓	✓	9.3.3.1 - Management review outputs - Supplemental
10	Improvement			
10.1	General	✓		
10.2	Nonconformity and corrective action	✓	✓	10.2.3- Problem solving, 10.2.4- Error-proofing, 10.2.5- Warranty management systems, 10.2.6- Customer complaints and field failure test analysis
10.3	Continual improvement	✓	✓	10.3.1- Continual improvement - Supplemental