

Differences with ISO/TS 16949:1999 and ISO 9001:1994

In the following table, ISO/TS 16949:2002 is taken as the base and a comparison made with ISO/TS 16949:1999 including ISO 9001:1994. Note: The subject rather than the heading has been indicated in some cases to overcome the situation where some clauses in the standard are denoted by the heading 'General' and to separate requirements that have been dispersed through several clauses by the revision. Headings without requirements are an exception and are indicated by a grey block.

ISO/TS 16949:2002		ISO/TS 16949:1999		Change	Implications
New Clause	Heading/subject	Old Clause	Heading/subject		
Introduction					
0.1	General	0	Introduction	New Provision.	Structuring the QMS documentation around the structure of the standard is not recommended. There is an implied recommendation that the 8 principles used in developing ISO 9001 should be applied in the development of a QMS.
0.2	Process approach	0	Introduction	New Provision.	This move from the procedural approach to a process approach is the most significant change in ISO 9001 and affects the way the system is perceived and constructed.
0.3	Relationship with ISO 9004	0	Introduction	New Provision.	ISO 9001 is to be used for assessment purposes whereas ISO 9004 should be used for guiding continual improvement which is itself a requirement of ISO 9001.
0.4	Compatibility with other management systems	0	Introduction	New Provision.	If ISO/TS 16949:2002 is applied correctly, the resultant system will address the provisions of other management system standards.
0.5	Goal of this technical specification	0	Introduction	None	This is a radical change from previous ISO derivatives which focused on the "say what you do – do what you say" cliché. The goal is now focused on validating a system that is designed to enable the organization to satisfy its customers, prevent defects, eliminate waste in the supply chain and meets its own objectives.

ISO/TS 16949:2002		ISO/TS 16949:1999		Change	Implications
New Clause	Heading/subject	Old Clause	Heading/subject		
1	Scope				Note that sections 1,2 & 3 do contain requirements so cannot be treated as a preamble but essential for understanding the intent and applicability of the standard.
1.1	General	1	Scope	Simplified wording.	
1.2	Application	1	Scope	Confined exclusions to clause 7.3 relative to product design.	Manufacturing process design is not excluded meaning that the design of all manufacturing processes has to be managed in accordance with clause 7.3.
2	Normative References	2	Normative References	Updated to reflect new standards.	ISO 9000:2000 forms a part of ISO 9001:2000 and therefore cannot be ignored.
3	Terms and definitions	3	Terms and definitions	Terms used to denote supplier, organization and customer realigned.	The term subcontractor is no longer used although it is still used in the industry to denote a supplier that provides products/services to customer specifications.
3.1	Automotive terms	Annex A	Terms and definitions	Several terms removed.	No impact.
4	Quality management system				
4.1	General requirements				
4.1	Establishing a quality management system	4.2.1	Quality system development	Extended to cater for continual improvement.	This new requirement means that the organisation will need to demonstrate that it has a policy or value of continuous improvement and is implementing that policy.