

## Summary of IATF 16949:2016 New and Changed Requirements

The ISO/TS 16949:2009 standard was based on ISO 9001:2008 and included both sets of requirements. The new IATF 16949:2016 standard includes references to ISO 9001:2015 clauses, but you need the separate ISO 9001:2015 standard to view the ISO 9001:2015 requirements.

The key changes from ISO 9001:2008 to ISO 9001:2015 are listed below with bullet points. The main changes from ISO/TS 16949:2009 to IATF 16949:2016 are indicated below with + signs.

### ISO 9001:2015 Changes (from ISO 9001:2008)

- Annex SL clause structure and common text
- Expanded applicability to service organizations
- Organizational issues and interested parties
- Alignment of QMS and business strategy
- Focus on risk planning, actions, and monitoring+
- Expanded focus on process approach
- Emphasis on outputs and performance
- Demonstration of management leadership
- Maintenance of organizational knowledge
- Purchasing covers all external provision
- More planning and control of changes
- Ensuring product and service claims can be met
- Improvement for future needs and expectations

### IATF 16949:2016 Changes (from ISO/TS 16949:2009)

- + Standalone IATF 16949 standard
- + Doubling number of IATF 16949 requirements
- + Retention of quality manual and preventive action
- + Documented processes for product safety
- + Anti-Bribery Policy
- + Employee Code of Conduct
- + Ethics Escalation Policy
- + Identification of process owners
- + Documented evidence of results of risk analysis
- + Contingency plans for continuity of supply
- + Methods to evaluate manufacturing feasibility
- + Documented process for calibration records
- + List of qualified internal auditors
- + Documented process for employee motivation
- + Matrix for customer-specific requirements
- + Documented record retention policy
- + Multi-disciplinary approach to feasibility analysis
- + Documented design and development process
- + Software development assessment methodology
- + Requirements for embedded software

## Summary of IATF 16949:2016 New and Changed Requirements

- + Documented manufacturing process design
- + Documented supplier selection process
- + Documented process for outsourcing controls
- + Rules for operator safety in work documents
- + Documented process to control changes
- + Documented list of process controls
- + Training to contain any suspect or NC product
- + Documented process to confirm rework/repair
- + Documented process for NC product disposition
- + Documented process for problem solving
- + Documented process for error-proofing
- + Warranty management system
- + Retention of NC and CA documented procedures
- + Documented process for continual improvement