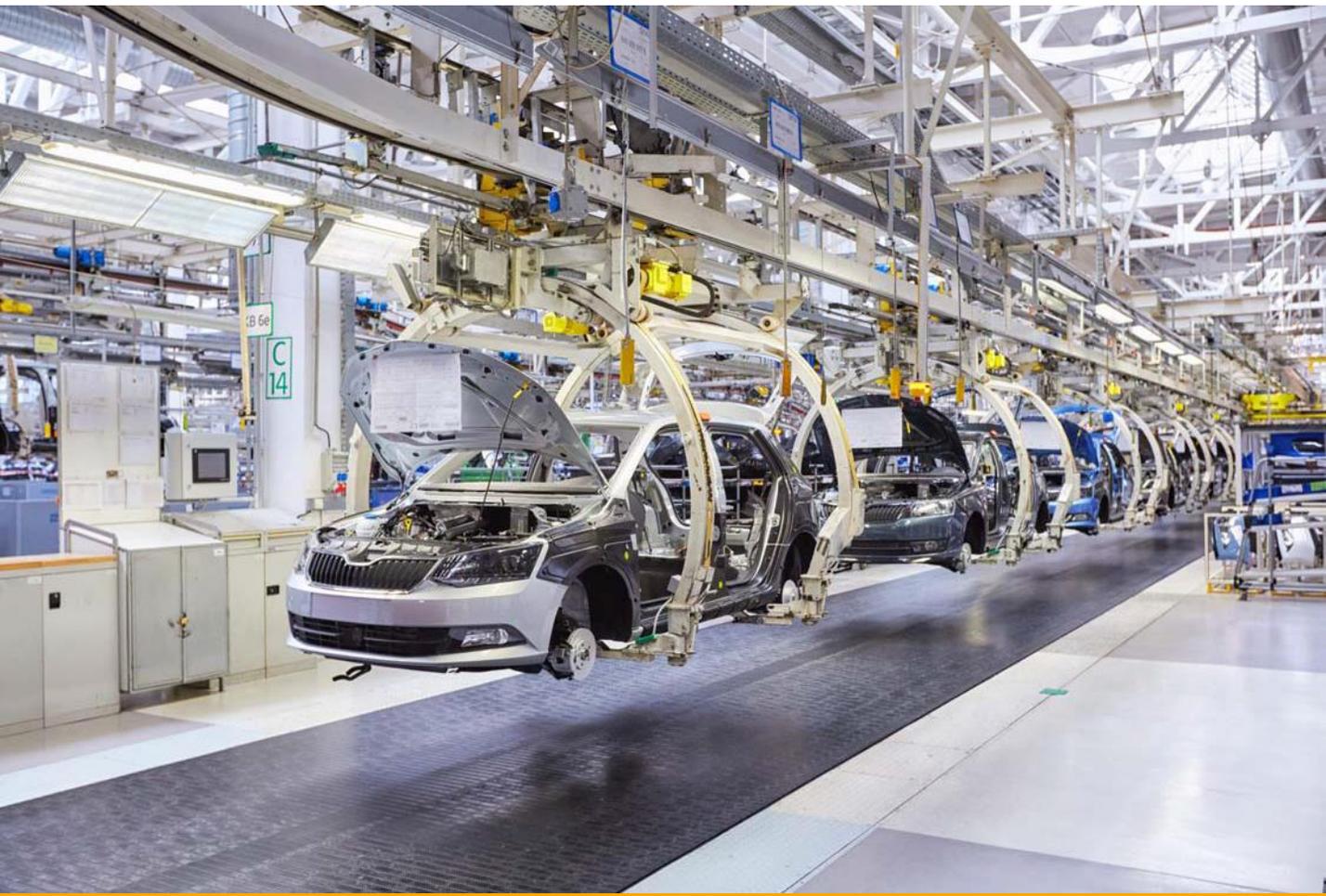


IATF 16949:2016 Quality Management Systems for Automotive Industry



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What is IATF 16949:2016

IATF 16949 is a global Quality Management System Standard for the Automotive industry. It was developed by the International Automotive Task Force (IATF), with support from AIAG (Automotive Industry Action Group). It was initially developed in 1999 to harmonize different quality assessment and accreditation methods that give persistent improvement, emphasizing defect prevention and the reduction of variation and waste in the automotive business supply chain. IATF 16949:2016 integrates existing American and European automotive quality management systems standards within the global automotive industry.

IATF16949 is a standard that builds up the prerequisites for a Quality Management System (QMS), explicitly for the Automotive sector. It applies to any organization which are active in the supply chain of automotive products. It prepares the organization to demonstrate their commitment towards the quality of product and compliance to customer requirements. IATF16949 is an independent QMS standard that is completely lined up with the structure and prerequisites of IATF 16949:2016. Therefore, the IATF 16949 can't be implemented alone as an independent document, but it should be implemented as an enhancement related to IATF 16949:2016.

What is the Focus Points for IATF 16949:2016 standard?

- 1) Streamlining and Standardizing the manufacturing processes and other business processes
- 2) Product safety and warranty management
- 3) Integration of Customer Specific Requirements
- 4) Risk management and Contingency planning
- 5) Core tools including PPAP, APQP, SPC, MSA and FMEA
- 6) Formulating Quality Policy and Objectives
- 7) Setting up system for documentation and records.
- 8) Management information system
- 9) Business performance and sustainability

Which organization is eligible for IATF 16949 certification?

- Manufacturing sites for production parts
- service parts
- Accessory parts

That shall be mechanically attached or electrically connected to the vehicle are manufactured and supplied to automotive customers are eligible for IATF 16949 certification.

NOTE : The eligible organizations shall be able to furnish data related to automotive supply for minimum period of 12 months while certification audit. If the automotive supplies by the organizations have started less than 12 months then the organization can avail “Letter of Compliance (LOC)” issued by the certification body. The formal IATF 16949:2016 certification can be applied only after the automotive supplies for more than 12 months.

How will IATF 16949:2016 implementation benefit your organization?

- Entry passport for supply to automotive OEMs.
- Deletion of non-value-added activities and Waste elimination
- Cost effectiveness at various stages of the operations of the organizations
- Improved product safety and warranty management
- Manufacturing Quality and Productivity improvement
- Business process streamlining and efficiency improvement
- Responsibility and Accountability across the organization
- Good Marketing Tool and Credibility in Overseas Business.
- Satisfaction and Retention of Valuable Customers
- Better sustainability prospects

How did IATF 16949 evolve through the years?

- Year 1999 – ISO/TS 16949 Standard for Quality Management System for automotive industry was published.
- Year 2002 – 1st Revision of ISO/TS 16949 Standard was published.
- Year 2009 – 2nd Revision of ISO/TS 16949 Standard was published.
- Year 2016 – IATF 16949:2016 Quality Management System standards explicitly for automotive industry was published. It replaced the earlier standard ISO/TS 16949:2009

IATF 16949:2016 Reference Standards

- ISO 9000:2015 - Quality management - customer satisfaction - Guidelines for complaint handling in organizations
- ISO/TS 16949:2009 Quality management system for automotive industry
- AIAG manual for SPC (Statistical process control)
- AIAG manual for PPAP (Production part approval process)
- AIAG manual for APQP (Advance product quality planning)
- AIAG manual for FMEA (Failure mode and effect analysis)
- AIAG manual for MSA (Measurement system analysis)

What is the best way to see if IATF certificate is still valid?

- Please visit the IATF oversight website at <http://www.iatfglobaloversight.org> and enter the IATF certificate number mentioned above in the certificate validity check area to ensure that this certificate is current.

When Should IATF 16949 Be Implemented?

The IATF 16949 standard can be followed at any time, although it is most commonly utilized when:

Customers mention this as a contract condition.

Businesses aim to enhance their products and customer pleasure.

Who can apply for IATF 16949 certification?

IATF 16949 applies to organization's that are part of or related to the automotive industry.

Some of these organizations are:

Automobile manufacturers

Manufacturers of automotive parts

Material suppliers for automobile and automotive parts manufacturers
Automotive design centres
Automotive distribution centres
Quality management organisations that work with automobile manufacturers
Other organisations that work in or are related to the automotive industry.

What is the difference between ISO and IATF?

ISO 9001 defines the fundamental requirements of a quality management system for all organizations, whereas IATF 16949 discusses QMS requirements for automotive organizations. The ISO 9001 standard focuses on customer satisfaction, whereas the IATF 16949 standard focuses on customer-specific requirements.

What is the validity of IATF Certification?

The validity of IATF 16949:2016 Certification is 3 Years.

What is the industry standard for automobile quality?

Manufacturers must follow strict industry requirements throughout the production and testing process in order for a component to be automotive certified. IATF 16949, AEC-Q100, and AEC-Q200 are three important standards, the international standard for quality management systems in the automotive sector.

Is ISO 16949 still in use?

IATF 16949 will replace ISO 16949, which is the most frequently used international quality standard in the automobile industry. The new certification, which was created by members of the Automotive Industry Action Group, modifies the quality management system standards for all automotive OEMs and suppliers.

Is IATF 16949 a legal requirement?

IATF 16949:2016 mandates the following papers. The IATF 16949:2016 standard is based on ISO 9001:2015, therefore it includes all of the criteria for documented information stated in ISO 9001, as well as additional obligatory documentation.

What should I do to get ready for the IATF audit?

Allow plenty of time for planning

Documented information must be available for all processes

Make the necessary preparations

Review the existing system

Examine the process and take corrective action wherever necessary

How can PQSmitra help you with a hassle free Implementation Process for ISO certification?

PQSmitra has developed a module of IATF16949 QMS implementation at the client organization. The expertise for more than 20 years has supported more than 250 clients from automotive industry to implement simple, practical and effective systems. PQSmitra offers 100% documentation support, training and also the hand holding to team members which makes the entire project execution easy, hassle free and result oriented. The IATF 16949:2016 implementation process is described below:

- Review of the existing Quality Management System in automotive supply chain. This review is carried out by visits.
- Gap analysis and planning for the documentation (Records and Procedures). 100% documentation support is offered by PQSmitra.
- Designing and development of forms, formats and procedures.
- Training and Hand holding/ support for implementation
- Internal audit for verification of implemented system
- Management review
- Certification audit – Stage 1
- Certification audit – Stage 2
- Closure of non-conformities
- Rewarding the certificate to the organization



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