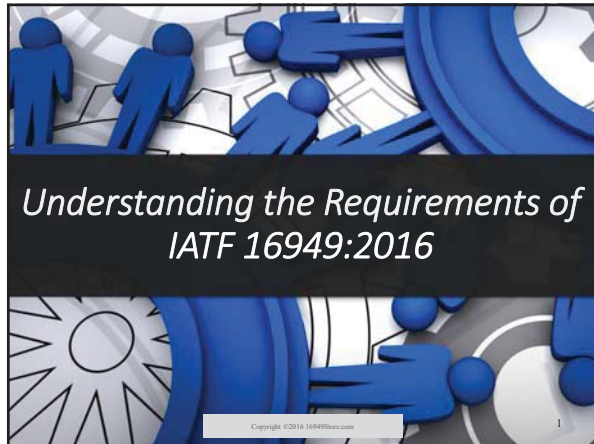


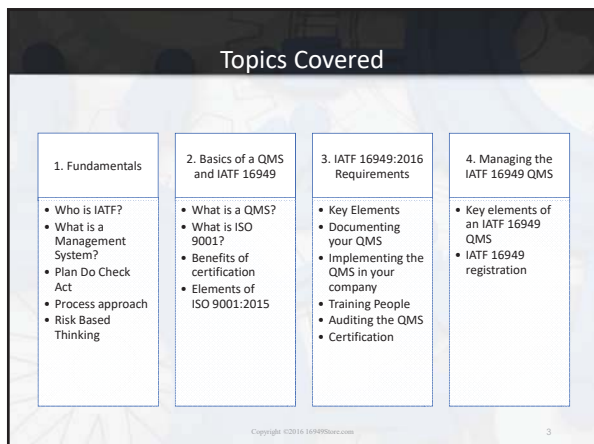


Requirements of IATF 16949:2016

Student's Guide







Section 1 - Fundamentals

- Who is IATF?
- What is a Management System?
- P-D-C-A Continual Improvement Cycle
- Process approach
- Risk-Based Thinking

Who is IATF?

IATF stands for International Automotive Task Force.

- IATF develops Standards for use in the automotive industry worldwide.
- The Automotive Quality Management System Standard, IATF 16949:2016, cannot be considered a stand-alone QMS Standard. It has to be understood as a supplement to and used in conjunction with ISO 9001:2015, a separate ISO Standard.
- Global standards are needed so everyone can be equally measured.
 - Different countries can compare “apples to apples”
- ISO Standards always defer to state, local & federal requirements.
 - Different statutory and regulatory requirements will apply.

What is a Management System?

Organizations are made up of several Management Systems, which operate within your overall Business Management System. Example:

- Financial (FMS)
- Quality (QMS)
- Environmental (EMS)
- Safety (SMS)
- Energy (EnMS)
- IT (MIS) etc

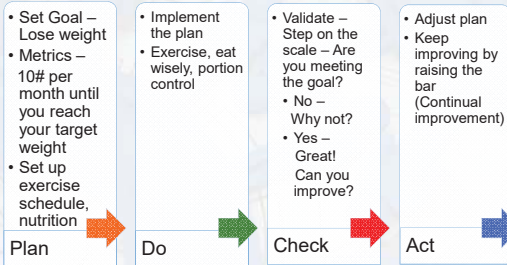


PDCA and the Requirements

- P = Plan, the processes
 - Clause 4 - Context of the Organization
 - Clause 5 - Leadership
 - Clause 6 - Planning
- D = Do, implement the plan
 - Clause 7 - Support
 - Clause 8 - Operation
- C = Check, the results
 - Clause 9 - Performance Evaluation
- A = Act, take actions to improve
 - Clause 10 - Improvement



Plan-Do-Check-Act Example



The Process-Based Model

- An organization is a system of interrelated processes that function as a coherent system
- The standard is geared at managing and improving those processes
- Key processes, those that lead to process outputs, must be identified
- Methods to measure and control the processes must be included
- Risks and opportunities need to be determined and actions to address them implemented

Find the Requirement:

	<i>Clause:</i>
1. Establish a Quality policy that is appropriate to the organization and that supports the strategic direction.	
2. Establish the Quality management system (QMS) that includes the processes needed and their interactions.	
3. Consider external and internal issues, the requirements of interested parties, and the products and services of the company when determining the scope of the QMS.	
4. Address any applicable statutory and regulatory requirements when determining the requirements for products and services offered to customers.	
5. Top management demonstrates commitment with respect to the QMS and to customer focus.	
6. Documented information required by the QMS and by the IATF standard is controlled to ensure that it is available for use where and when it is needed.	
7. Review to determine if a corrective action taken to address nonconformities was effective.	
8. Control changes in documented information to ensure that the latest version is available.	
9. Determine the internal and external communication relevant to the QMS.	
10. Determine the risks and opportunities that need to be addressed to give assurance that the QMS can achieve intended results. .	
11. Determine and implement a process for customer communication on obtaining feedback relating to products and services and including complaints.	
12. Ensure that persons whose work affects the performance of the QMS are competent on the basis of education, training or experience.	
13. Determine the organizational knowledge needed for the operation of the processes and to achieve conformity of products and services.	
14. Determine the length of time that documented information will be retained prior to disposition.	
15. Personnel must be aware of their contribution to the effectiveness of the QMS and of the benefits of improved performance.	
16. Determine and provide the resources needed to ensure valid and reliable results from the monitoring or monitoring activities.	
17. Ensure that externally provided processes, products and services conform to requirements.	
18. Management must be committed to ensuring that the quality policy and objectives are established and are compatible with the context and strategic direction of the company.	