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IATF 16949:2016 Internal Auditing with Core Tools

Course No. 108B

Attendees will learn how to transition, audit, and implement IATF 16949:2016 by understanding how to plan, conduct, follow-up on audits, and work with audited organizations to ensure efficient and effective audits.

Course Benefits

- Credibility and image
- Credibility to supply the automotive industry
- Improvement
- Process approach
- Decision making
- Continual improvement
- Employee motivation and empowerment

Prerequisites

All attendees need to review the ISO 9001:2015 Requirements before attending this class.

Duration

Three Days (21 Hours)

Learning Objectives

At the end of this course, participants will be able to:

1. Understand the purpose and intent of the quality management standards and how they are related to each other.
2. Understand the seven quality management principles.
3. Learn changes and new requirements of IATF 16949:2016
4. Understand the requirement and interpretation of each clause of IATF 16949:2016.
5. Learn how to identify the audit evidence needed to demonstrate conformity to the requirements.
6. Learn how to evaluate the effectiveness of the entire QMS, including process approach, customer focus, and continual improvement.
7. Learn how planning, control process, and supporting activities can be evaluated effectively.



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8. Understand the importance of leadership, risk-based auditing, management review, internal auditing, and the monitoring and measurement of the QMS.
9. Learn how to audit process controls.
10. Understand the audit process and responsibilities.
11. How to plan, perform, report, and follow-up on audits.
12. Describe the role and responsibility of the auditor and the auditee at all stages.
13. Develop a checklist and conduct pre-audit tasks.
14. How to conduct audits including participation in the opening and closing meetings.
15. How to develop an audit report.
16. Understand the corrective action process.
17. Learn all tools, including DFMEA, PFMEA, APQP, Control Plan, MSA & SPC.

Topics Covered

- Introduction, course format, and requirements
- QMS terminology and definitions used in IATF 16949:2016
- QMS background
- Process approach exercise
- IATF 16949:2016 standards, requirements, interpretations and criteria
- Documentations required
- Resources availability
- Auditor, Lead Auditor, and Auditee responsibilities
- Risk-based thinking
- RBT Exercise
- ISO 19011 Auditing standard - definitions and requirements
- Pre-audit activities
- Preparing audit documents
- Understanding nonconformances and observations
- How to conduct the Opening Meeting
- Simulated onsite audit activities
- Conducting audits
- Identifying findings (Nonconformances, observations)
- Audit reporting
- Conducting a closing meeting
- Initiate corrective actions
- Conducting follow-up activities
- Verifying effectiveness

Instructor



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The course instructor will be a Certified Lead Auditor with experience in developing and implementing IATF 16949.

Who Should Attend?

This course is designed for first- and second-party auditors and professionals who are involved with corporate internal auditing activities who wish to broaden their knowledge of a total audit process. This course is also recommended to anyone involved with supply chain management or supplier quality control or assurance.

For More Information

Contact the Training Administrator: Training@qpsinc.com or call 1(508) 786-0777