



Apex
Quality Assurance

2022

IATF 16949:2016

Lead Auditor Training

Automotive Quality Management Systems

Register by phone

919-635-5581

Register online

www.apexqualityassurance.com



Exemplar
Global

IATF 16949:2016

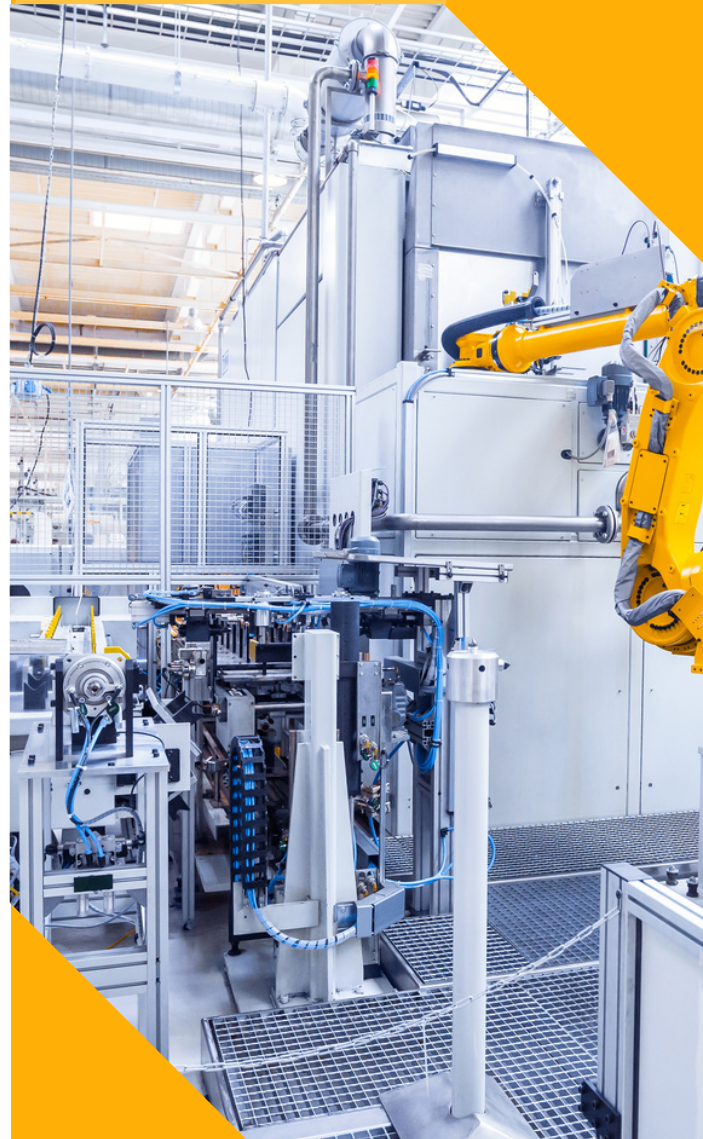
At A Glance

Lead Auditor Training for Automotive Quality Management Systems

Although the **ISO 9001** requirements have been removed from **IATF 16949:2016** and are published as a separate ISO standard, **IATF 16949** is not a stand-alone standard and must be used in conjunction with **ISO 9001**, so Apex QA with Omnex is continuing to offer courses that cover both the **ISO 9001:2015** and **IATF 16949:2016** requirements.

Omnex is an Exemplar Global Certified TPECS provider for Exemplar Global QM, AU, and TL Competency Units. This five-day course has been developed to satisfy the Exemplar Global QM, AU, and TL Examination Profiles and, as such, all attendees who successfully pass the exams during this course will achieve a Certificate of Attainment for the following competency units:

- Exemplar Global QM
- Exemplar Global AU
- Exemplar Global TL





IATF 16949:2016 At A Glance (Continued)

This five-day course was developed to cover all requirements of both the ISO 9001:2015 and IATF 16949:2016 standards, including the new IATF 16949 requirements for Internal and Second Party Auditors (clauses 7.2.3 and 7.2.4) regarding Core Tools and Customer-Specific Requirements. Group exercises and case studies with examples from the automotive industry will be used to develop the required auditing skills. The auditing guidelines of ISO 19011—including the auditing process and methodologies, e. g., planning and conducting an audit, writing nonconformity statements, preparing an audit summary and report, and verifying corrective actions—and their application in the automotive process approach are covered. Auditing case studies from the automotive industry to develop skills for identifying nonconformities will be used. Techniques for leading audit teams will also be discussed.



IATF 16949:2016

Who Should Attend

Lead Auditor Training for Automotive Quality Management Systems

This seminar is primarily designed for internal or third-party auditor candidates, but can also be valuable for Quality Assurance Managers, IATF 16949:2016 Implementation and/or Transition Team Members, Management Representatives, and all others who would like to develop competency in IATF 16949:2016 and the auditing process for first, second and third party auditing.

An understanding of both ISO 9001:2015 and IATF 16949:2016 requirements and/or work experience in applying IATF 16949:2016 is recommended.



Seminar Goals

Lead Auditor Training for Automotive Quality Management Systems

- Understand the application of quality management principles in the context of ISO 9001:2015 and IATF 16949:2016.
- Relate the quality management system to the organizational products, services, activities, and operational processes.
- Relate the organization's context and interested party needs and expectations to the planning and implementation of an organization's quality management system.
- Understand the application of the principles, procedures, and techniques of auditing.
- Understand the conduct of an effective audit in the context of the auditee's organizational situation.
- Understand the application of the regulations, and other considerations that are relevant to the management system, and the conduct of the audit.
- Practice personal attributes necessary for the effective and efficient conduct of a management system audit.
- Establish, plan and task the activities of an audit team. Communicate effectively with the auditee and audit client.
- Organize and direct audit team members.
- Prevent and resolve conflict with the auditee and/or within the audit team.
- Prepare and complete the audit report.
- Understand the purpose and applicable uses of the core tools
- Link the core tools to IATF 16949:2016 requirements
- Explain the importance of Customer-Specific Requirements

Seminar Outline

Lead Auditor Training for Automotive Quality Management Systems

Day One:

- The ISO and IATF Standards Explained
- ISO 9001:2015 and IATF 16949:2016 Requirements
 - **Group Exercise:** Context of the Organization
 - **Group Exercise:** Interested Parties
 - **Group Exercise:** Audit Scenarios

Day Three:

- Performing the Audit
 - **Breakout Exercise 4:** Performing an Audit
- Conducting a Process Approach Audit
- Conducting an Audit of Risk Planning (6.1)
- Writing Nonconformity Statements
 - **Breakout Exercise 5:** Writing Nonconformity Statements
- Closing Meeting
- Completing the Audit Report
- Corrective Action and Closeout

Day Two:

- ISO 9001:2015 and IATF 16949:2016 Requirements (*contd*)
 - Group Exercises: Audit Scenarios (*contd*)
- **Quality Management Systems Exam**
- Introduction to Turtle Diagrams and Audit Trails
- Management of Audit Programs
- Audit Planning and Preparation
 - **Breakout Exercise 1:** Writing an Objective and Scope Statement
 - **Breakout Exercise 2:** Documentation Review
 - **Breakout Exercise 3:** Creating an Audit Plan

Day Four:

- Linking Automotive Core Tools to IATF 16949
- Customer-Specific Requirements
- Management Systems Auditing Exam

Day Five:

- Leading Audit Teams
- Management System Certification Scheme and Auditor Qualifications
- **Leading Management Systems Audit Teams**
- **Mock Audit Case Study**
 - Including scenarios on Risk-Based Thinking and a Process Flow/PFMEA/Control Plan Manufacturing Process Audit Scenario.
- Review of Audit Process and Audit Management Strategies
- **Leading Management Systems Audit Teams Exam**
- Practical Application of Audit Principles and Instructor Interviews