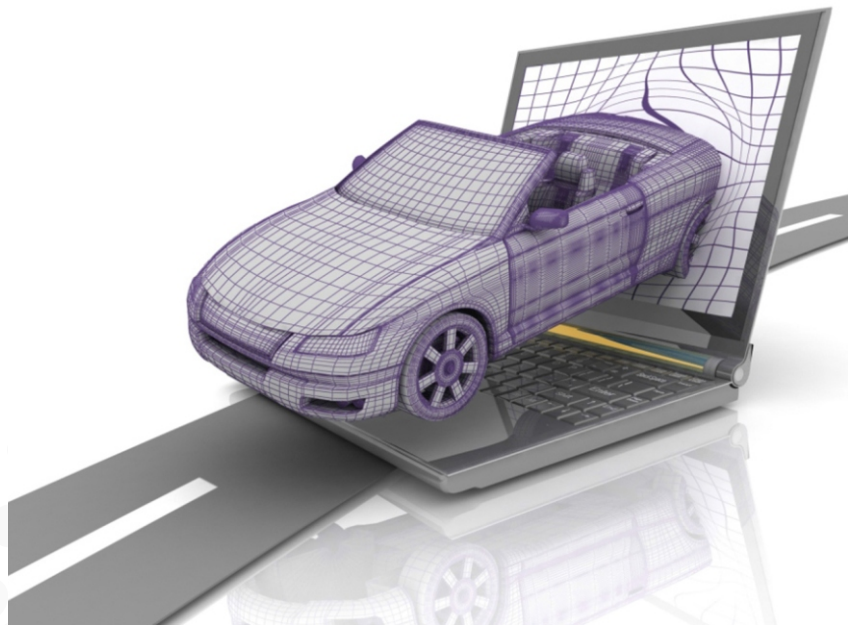




DRIVING WORLDWIDE BUSINESS EXCELLENCE

IATF 16949:2016 Manufacturing Process Auditor Training for Automotive Quality Management Systems



Training Duration : 5 Days

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Seminar Content

Although the ISO 9001 requirements have been removed from IATF 16949:2016 Automotive Quality Management System requirements 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 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 and AU Competency Units. This five-day course has been developed to satisfy the Exemplar Global QM and AU 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



Who Should Attend

This seminar is primarily designed for internal auditor candidates who are going to be conducting Manufacturing Process Audits, but can also be valuable for others interested in auditing the shop floor.

Recommended Training and/or Experience

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

Seminar Materials

Each participant will receive a seminar manual and a breakout workbook that includes automotive-based auditing case studies.

Seminar Goals

- ✦ 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 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.
- ✦ 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
- ✦ Understand how to conduct Process Flow, FMEA, Control Plans and Process Review audits at a supplier site

Seminar Outline

Day 1

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

Day 2

- ✦ ISO 9001:2015 and IATF 16949:2016 Requirements
- ✦ (cont'd)
 - *Group Exercises: Audit Scenarios (cont'd)*
 - *Independent QMS Written Exercise*
- ✦ Introduction to Turtle Diagrams and Audit Trails
- ✦ Management of Audit Programs

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- ❖ 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 3

- ❖ 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 4

- ❖ Linking Automotive Core Tools to IATF 16949
- ❖ Customer-Specific Requirements
 - *Management Systems Auditing Written Exercise*
 - *CSR/Core Tools Examination*

Day 5

- ❖ Understanding the Manufacturing Process - Drawing, Process Flow, PFMEA, Control Plan, SPC, and MSA
- ❖ Walking through a Case Study
- ❖ Conducting a Process Review



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