



When Quality Matters

CCQM CERTIFIED IATF 16949 LEAD IMPLEMENTER

**MASTERING THE IMPLEMENTATION AND MANAGEMENT OF A QUALITY MANAGEMENT SYSTEM IN
AUTOMOTIVE INDUSTRY BASED ON IATF 16949**

SUMMARY

This five-day intensive course enables participants to develop the necessary expertise to support an organization in implementing and managing a Quality Management System in Automotive industry (AQMS) based on IATF 16949:2009. Participants will also gain a thorough understanding of best practices used to implement management systems in automotive production field, with methodologies based on requirements of IATF 16949. This training is consistent with the project management practices established in ISO 10006 (Quality Management Systems - Guidelines for Quality Management in Projects). This training is fully compatible with ISO 9004 guidance's (Managing for the sustained success of an organization - A quality management approach).



WHO SHOULD ATTEND?

- ▶ Project managers or consultants wanting to prepare and to support an organization in the implementation of a quality management system in automotive industry
- ▶ Automotive production quality executives and/or automotive quality engineers
- ▶ IATF 16949 auditors who wish to fully understand the AQMS implementation process
- ▶ Persons responsible for the quality or conformity in an organization
- ▶ Members of a quality team
- ▶ Expert advisors in Automotive Quality Management Systems
- ▶ Technical experts (Quality technicians, plant managers, automotive production managers, manager of automotive services operations managers, CEOs, CFOs etc.) who want to prepare for a quality function or for an AQMS project management function

COURSE AGENDA

DURATION: 5 DAYS

DAY 1

Introduction to IATF 16949 and initiation of an AQMS project

- ▶ Normative frameworks and methodologies related to AQMS
- ▶ Fundamental principles of AQMS
- ▶ Initiating the AQMS implementation
- ▶ Understanding the organization and quality objectives

DAY 2

Plan the implementation of the AQMS project based on IATF 16949

- ▶ Analyze the existing management system
- ▶ Leadership and approval of the AQMS project
- ▶ Definition of the AQMS scope
- ▶ Definition of quality management policies in automotive industry
- ▶ Planning of product realization phase
- ▶ Definition of organizational structure of the AQMS
- ▶ Defining document management processes

DAY 3

Deploying the AQMS based on IATF 16949

- ▶ Operations management of the AQMS
- ▶ Development of training and awareness program
- ▶ Communication plan
- ▶ Product requirements and purchasing processes
- ▶ Product/Service realization processes and control

DAY 4

Monitoring and measuring an AQMS; certification audit of the AQMS

- ▶ Monitoring the AQMS
- ▶ IATF 16949 Internal Audit
- ▶ Management review of the AQMS
- ▶ Treatment of non-conformities
- ▶ Implementation of a continual improvement program
- ▶ Preparing for an IATF 16949 certification audit

DAY 5

Certification Exam



LEARNING OBJECTIVES

- ▶ To understand the implementation and management of Automotive Quality Management Systems in accordance with IATF 16949
- ▶ To gain a comprehensive understanding of the concepts, approaches, standards, methods and techniques required for the effective management of an AQMS
- ▶ To understand the relationship between the components of a quality management system in the automotive production sector and the compliance with the requirements of different stakeholders of an organization
- ▶ To acquire necessary expertise to support an organization in implementing, managing and maintaining a AQMS as specified in IATF 16949 which is in conjunction with ISO 9001
- ▶ To acquire necessary expertise to manage a team implementing IATF 16949
- ▶ To develop knowledge and skills required to advise organizations on best practices in the implementation and management of quality management systems in the automotive industry
- ▶ To improve the capacity for analysis and decision making in the context of continual improvement process
- ▶ To prepare an organization for an IATF 16949 audit

EXAMINATION

- ▶ The “CCQM Certified IATF 16949 Lead Implementer” exam fully meets the requirements of the CCQM Examination and Certification Program (ECP). The exam covers the following competence domains:
 - ▶ Domain 1: Fundamental principles and concepts of quality management in automotive industry
 - ▶ Domain 2: Automotive industry QMS Best Practice based on IATF 16949
 - ▶ Domain 3: Planning an AQMS based on IATF 16949
 - ▶ Domain 4: Implementing an AQMS based on IATF 16949
 - ▶ Domain 5: Performance evaluation, monitoring and measurement of an AQMS based on IATF 16949
 - ▶ Domain 6: Continual improvement of an AQMS based on IATF 16949
 - ▶ Domain 7: Preparing for an AQMS certification audit
- ▶ The “Certified IATF 16949 Lead Implementer” exam is available in different languages (the complete list of languages can be found in the examination application form)
- ▶ Duration: 3 hours
- ▶ For more information about exam, refer to CCQM section on IATF 16949 Lead Implementer Exam

CERTIFICATION

- ▶ After successfully completing the exam, participants can apply for the credentials of Certified IATF 16949 Provisional Implementer, Certified IATF 16949 Implementer or Certified IATF 16949 Lead Implementer, depending on their level of experience
- ▶ A certificate will be issued to participants who successfully passed the exam and comply with all the other requirements related to the selected credential
- ▶ For more information about IATF 16949 certifications and CCQM certification process, refer to CCQM section on IATF 16949 Lead Implementer Certification

GENERAL INFORMATION

- ▶ Exam and certification fees are included in the training price
- ▶ A student manual containing over 450 pages of information and practical examples will be distributed to participants
- ▶ A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to participants
- ▶ In case of failure of the exam, participants are allowed to retake the exam for free under certain conditions

For additional information, please contact us at info@ccqm.ch | www.ccqm.ch