

AIAG CQI-27 – Casting System Assessment

This training is intended for individuals responsible for conducting casting process audits in accordance with the requirements of **AIAG CQI-27**. Participants will gain the knowledge necessary to independently perform audits in line with automotive customer requirements and quality standards, including **IATF 16949:2016** and **ISO 19011**.

Training agenda:

1. Introduction to Auditing Special Processes

- Purpose and role of process audits in the automotive industry
- Overview of ISO 19011 audit principles (planning, conducting, documenting audits)
- Auditor competencies and responsibilities

2. Quality Standards in the Automotive Industry

- Link between customer-specific requirements and AIAG standards
- IATF 16949:2016 requirements related to special processes
- The role of customer-specific requirements in casting process audits

3. AIAG CQI-27 – Casting System Assessment Standard

- Purpose and structure of the standard
- Scope of application – relevant processes and company types
- Auditor responsibilities and qualification requirements

4. Detailed CQI-27 Requirements

- Document structure and overview
- Process tables – how to complete and interpret them

- Assessing process compliance with CQI-27
- Common mistakes and risk areas in casting processes

5. Practical Application – Exercises and Case Study

- Case study: how to conduct an audit based on CQI-27
- Evaluating current process status vs. standard requirements
- Creating an audit report and corrective action plan

Training Addressees:

Managers:

- Directors
- Managers
- Area Leaders

Specialist Staff:

- Process Engineers
- Quality Specialists
- Quality Controllers
- Maintenance Specialists
- Employees in Direct Contact with the Client Representative

Benefits to the company:

- Preparation for independently conducting audits in line with CQI-27
- Understanding the relationship between CQI-27, IATF 16949, and customer requirements
- Enhanced competence in supervising casting processes
- Practical ability to assess process compliance with AIAG requirements
- Capability to implement effective improvement actions post-audit

Duration: 2 days

Price:

Available directly on the webpage

In case of 2 or more participants from the same plant offer 10% discount on the second and all other participants.

To organize in-house training sessions or internal online sessions for companies, please get in touch with office.

Upon client request, the training can be extended with an additional workshop day.

The price includes:

- Participation in the training
- Training materials
- Certificate