

AIAG CQI-23 - Injection Process Assessment

This training is designed to equip participants with the knowledge and skills required to independently and effectively evaluate injection processes in line with the **AIAG CQI-23 standard**. Attendees will gain a solid understanding of key requirements, audit techniques, and process control methods critical for quality assurance in injection.

Training agenda:

- 1. Introduction to the CQI-23 Standard:** Purpose, scope, and significance of injection process assessment
- 2. Key Concepts and Definitions Related to the Injection Process**
- 3. Elements of Injection Process Assessment According to CQI-23 Requirements**
- 4. Qualifications of an Injection Process Assessment Auditor**
- 5. Defect Examples and Their Impact on Injection Quality**
- 6. Risk Analysis and Preventive Action Planning**
- 7. Measurements and Testing in the Injection Process: Methods and Tools**
- 8. Quality Management in the Injection Process**
- 9. Auditing the Injection Process: Preparing and Conducting Audits According to CQI-23**
- 10. Reporting and Analysis of Injection Process Assessment Results**
- 11. Practical Exercises and Case Studies**
- 12. Training Summary**

Target Audience:

Managers:

- Directors
- Managers
- Area Leaders

Specialist Staff:

- Process Engineers
- Quality Specialists
- Quality Controllers
- Maintenance Specialists
- Employees in Direct Contact with Customer Representatives

Benefits to the company:

- Acquiring knowledge for proper and independent injection process assessment
- **Auditing in accordance with AIAG CQI-23 requirements**
- **Managing process documentation, quality-related records, and changes in plastic processing**
- **Ensuring proper supervision of injection molding machines and components to maintain production continuity**
- **Improving the quality of injection molding processes** – our specialized training provides the knowledge and tools necessary for injection process assessment, defect identification, and the implementation of preventive actions
- This enables companies to refine their injection processes, reduce defects, and improve the overall quality of manufactured products
- **Compliance with industry requirements** – CQI-23 is a recognized industry standard for injection process assessment. Participation in this training helps companies understand the standard, meet its requirements, and align their processes accordingly. Compliance supports meeting customer expectations and market demands
- **Optimizing the injection molding process** – a detailed discussion of process assessment elements and risk analysis helps companies identify areas for improvement and implement effective preventive measures. This leads to increased efficiency, shorter cycle times, reduced waste, and cost savings

Duration: 1 day

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