

CQI - 23 Molding System Assessment Training Programme Outline

Course Overview

Increasing demand of CQI standards released by AIAG. We bring you course on all CQI standard. CQI 23 Molding system assessment training is a program focused on instructing individuals in evaluating and improving molding processes in manufacturing. Topics typically include mold design, material selection, machine operation, quality control, and safety measures. The goal is to equip participants with the knowledge and skills needed to assess molding systems, identify areas for optimization, and enhance product quality and production efficiency. This training is valuable in industries like plastics manufacturing and rubber processing where molding plays a crucial role in shaping products.

Who should attend?

Participants from technical background, related to coating process, like Production Team, QA / QC Team, Operations Team, Project Managers / Leader / Engineers, Maintenance Team, etc.

Course Duration – 02 Days

Organizational Objective or benefits

1. To have a team with complete understanding of CQI 23 requirement
2. Knowledge of infrastructure and records required for complete process control
3. Confidence in facing and successful compliance satisfaction during CQI 23 audit

Learning / Program objective

- Describe What is a special process like molding
- Mission and Goal of special process
- Need for molding systems audit & Scope of molding system Audit
- Assessment process and procedures & Process Tables & Demonstration on shop floor

Training methodology & Benefits

- Class room activity based & Group discussion
- Online / Virtual modes.

Body of Knowledge / Contents

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- **Cover Sheet**

Basic data of the molding organization Audited areas according to the respective CQI-23 process table Contact data (auditor, company, participants) Results of the CQI audit

- **Audit Elements Section 1-2**

Section 1: Management responsibility and quality planning Section 2: Responsibility for material flow and material handling

- **Audit Elements Section – Process Tables**

Process Tabel A - Injection Molding

Process Tabel B – Blow Molding

Process Tabel C - Vacuum Forming

Process Tabel D - Compression Molding

Process Tabel E - Transfer Molding

Process Tabel F - Extrusion

Process Tabel G - Equipment

Process Tabel H - Part Inspection & Testing

Job Audit

Basic data concerning the audited product Process Annexures Equipment

- Questions concerning the process flow
- Customer-specific requirements concerning the product
- Operator and quality responsibility
- Packaging requirements
- Transport requirements
- Q&A

Take away for participants

- Presents a hands-on exercise to learning the Molding as a special process
- Obtaining consistent, reliable and reproducible results in the process, thus meeting the end reliability objective of coated component

Standard edition details: CQI Standard latest edition will be used during the training

Certificate

Certificate of successful completion shall be issued to all the delegates who attend entire duration of the course & pass the examination.