CQI 11 - Plating System Assessment Training Programme Outline

Course Overview

Wepropel India brings you course on all CQI standard. CQI 11 Plating system assessment training typically focuses on teaching individuals how to assess and evaluate and manage the plating systems effectively ensuring compliance with industry standards and quality management practices. This training covers topics such as quality standards, inspection techniques, surface analysis, and troubleshooting common plating issues mentioned in the CQI 11 Standard by AIAG. Participants learn how to ensure plated products meet industry standards and maintain consistency in special process of plating.

Who should attend?

Participants from technical background, related to plating 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 11 requirement
2. Knowledge of infrastructure, resources and records required for CQI 11 special process
3. Confidence in facing & performing CQI 11 special process audits.

Learning / Program objective

1. Knowledge and awareness of CQI 11 requirements
2. Making participants awareness of the various records needed as per CQI 11 requirement.
3. To help participants develop a controlled process which is defect free
4. To clear the CQI 11 audit successfully.
5. Demonstrate plating system self-assessment right from plating management systems till processes
6. Describe What is a special process like plating
7. Mission and Goal of special process
8. Need for plating systems audit
9. Scope of plating system Audit
10. Assessment process and procedures
11. Process Tables & Demonstration on shop floor

Training methodology & Benefits

1. Class room activity based
2. Group discussion

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Body of Knowledge / Contents

1. Cover Sheet
2. Basic data of the Coating organization
3. Audited areas according to the respective CQI-11 process table
4. Contact data (auditor, company, participants)
5. Results of the CQI audit
6. Audit Elements Section 1-2

Job Audit

Basic data concerning the audited product

Process Tables for various coating processes including Pretreatment (Aqueous, Mechanical), Electroplating, Types of Plating process and its application, Electrocoat, Dip-Spin & Zinc Flake, Auto deposition, Cure, etc.

Process control and testing Equipment

Questions concerning the process flow

Customer-specific requirements concerning the product & process

Operator and quality responsibility

Packaging requirements

Transport requirements

Job Audit

Process tables

Common pitfalls

Q & A

Take away for participants

- Presents a hands-on exercise to learning the Plating as a special process
- Obtaining consistent, reliable and reproducible results in the plating process, thus meeting the end reliability objective of plated component in industrial applications

Standard edition details: CQI Standard latest edition will be used during the training (3rd Edition)

Certificate

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

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