

## CQI 12 - Coating System Assessment Training Programme Outline

### Course Overview

Wepropel India brings you course on all CQI standard. CQI 12 Coating system assessment training is designed to educate individuals on evaluating and maintaining the quality of coatings applied to various surfaces. This training typically covers topics like coating materials, application techniques, quality standards, and inspection methods. Participants learn how to assess coating thickness, adhesion, surface preparation, and detect defects troubleshooting common coating issues mentioned in the CQI 12 Standard by AIAG.

### 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 12 requirement
2. Knowledge of infrastructure, resources and records required for CQI 12 special process
3. Confidence in facing & performing the third-party CQI 12 special process audits.

### Learning / Program objective

1. Knowledge and awareness of CQI 12 requirements
2. Making participants awareness of the various records needed as per CQI 12 requirement.
3. To help participants develop a controlled process which is defect free
4. To clear the CQI 12 audit successfully.
5. Demonstrate coating system self-assessment from coating management systems till processes
6. Describe What is a special process like coating
7. Mission and Goal of special process
8. Need for coating systems audit
9. Scope of coating 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-12 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), Conversion Coatings, Spray & Powder, 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

### Process tables

### Common pitfalls

### Q & A

### Take away for participants

- Presents a hands-on exercise to learning the Coating 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 (3rd Edition)

### Certificate

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