

CQI-15

Welding System Assessment (WSA)

This course is designed to provide knowledge for participants with an understanding assessment procedures, process controls, auditor qualifications, and critical-to-quality (CTQ) items to ensure compliance and prevent defective products .

The CQI-15 Welding System Assessment (WSA) training provides a comprehensive overview of AIAG standards for automotive welding processes, focusing on self-assessment to ensure quality, reduce waste, and meet IATF 16949 requirements.

By utilizing knowledge you gain the benefits of consistent training and also develop a stable process to apply continuous improvement upon. This lays a solid foundation for any continuous improvement program.

Objective

- To develop the understanding necessary to perform welding system assessment correctly
- To provide a basic understanding of system assessment technique
- To determine potential strategies and actions to ensure effective implementation
- To apply the WSA process to define the important steps, key points and reasons for the key points

Content

The syllabus covers the following topics

- Introduction to CQI-15: Purpose, scope, and definition of special processes.
- WSA Structure & Requirements: Understanding the 2nd Edition Welding System Assessment, including Sections 1–5
- Process Tables: Technical Section 6 requirements for specific welding processes
- Job Audit & Evaluation: Conducting and auditing specific welding jobs, including destructive and non-destructive testing. Understanding qualifications for internal and supplier auditors.
- Compliance & Rating: Using the scoring system (Red, Yellow, Green) for assessment, determining compliance, and developing improvement plans.
- Conclusion



Period 2 days/ class

Language Thai (English/Japanese is as req.)

Cost depend on the number of participant (as define on the submitted quote)

Methods Presentation, group discussion, role play and case studies

Material Training handbook and course materials will be provided.

Target All personnel involved in each functions which group below;

- Welding personnel
- Engineer
- Welding internal auditor
- Anyone who interested

Certificate The training e-certificate will be provided for attendant who attend the whole course content.

Benefits After having attended this course you and your organisation will benefit by;

- be knowledgeable about the content
- Be able to implement the concept within the organization
- To eliminate human error



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