

CERTIFICATION COURSE FOR WELDING INSPECTORS (For QC Engineers & Inspectors)

Course Code: QC-I

No. of Seats: 15 per batch

Duration: 1 week

Dates & Fees: See Course Schedule

COURSE OBJECTIVE:

Inspectors today are no longer expected to only give 'ACCEPT/ REJECT' decisions. They are expected to play a pivotal role for corrective feedback and assist in devising Quality Assurance Systems so that the defects are brought down to an absolute minimum and new levels of quality and reliability are attained.

COURSE CONTENT

THEORY: 34 hrs

- Role of Welding Inspector
- Fundamentals of Welding Metallurgy
- Symbology of Welding
- Types ,Size and Condition of Welding Consumables, its care in handling
- Welding Procedure and Performance Qualification
- Destructive Testing Techniques
- Non-destructive Testing Techniques
- Basic Welding Concepts
- Joint Design and Fit-up
- Pre and Post Weld Treatment
- Planning for Welding Inspection
- Discontinuities and Defects - Identification and Evaluation

PRACTICAL: 6 hrs

Practical session with various electrode types, joint types, techniques, weld processes.

ELIGIBILITY:

QC Engineers and Inspectors.

COURSE EVALUATION:

Set of objective type question Paper with Practical.

OUTCOMES:

This certification course will enable participants to understand various factors related to welding and the role played by the welding inspectors in the industry. This will enable them to offer appropriate corrective feedbacks for controlling & preventing rejection and rework.