

WELDING PROCEDURES & QUALIFICATIONS

(For Engineers & Managers)



Course Code: QA-II



No. of Seats: 15 per batch



Duration: 3 days



Dates & Fees: See Course Schedule

COURSE OBJECTIVE:

Welded fabrication conforming to construction codes requires preparation of Welding Procedures and Qualification of Procedure and Welders/Welding Operators. Suitable welding procedures duly qualified enable welders / welding operators to re-produce sound weld consistently meeting the demands without the re-work or rejection.

COURSE CONTENT:

THEORY: 28 hrs

- Purpose of Welding Procedure & Qualifications
- Welding Procedure Specification
- Welding Procedure Qualification Record
- Maintaining Qualification Record
- Welder Performance Qualification Records

PRACTICAL: 6 hrs

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

ELIGIBILITY:

Managers, Senior Engineers, Engineers, who have undergone QA-I.

COURSE EVALUATION:

Set of objective type question Paper.

OUTCOMES:

This course will enable participants to acquaint themselves with the techniques of developing & qualifying WPS [Welding Procedure Specification], PQR [Procedure Qualification Record] and WPQR [Welders/Operators Performance Qualification Records] with reference to the ASME Code Section IX or ANSI/AWS D1.1-XX Structural Welding Codes-Steel.