

EASEWELD MODULE: - TRAINING PROGRAM IN GAS SHIELDED METAL ARC WELDING (GMAW)

Course Code: EW - 1

No of Seats: 15 per batch

Duration: 2 weeks

Dates & Fees: See Course Schedule

COURSE OBJECTIVE:

This course is specially designed to improve the Welding skills for GMAW process. The GMAW Process is the simplest of the processes & the most widely used in the industry. The objective of this program is to enable the trainee learn at his/ her own pace and also anytime/ anywhere of choice. There are THREE sub-modules into this program – the A²™ digital animation module for basic GMAW, the Weldmaster-10 Simulator and finally, the Hands-on actual practice sessions.

COURSE CONTENT:

THEORY: 10 hrs

- Role of welders in Industry.
- Personal Health, Safety & Environment related practices.
- GMAW – Principle & Operation
- Set up, Maintenance and Review
- GMAW parameters selection procedure.
- Characteristic & Preferences of metal transfer modes in GMAW welding.
- Type & attributes of shielding gases in GMAW welding.
- GMAW process related defects, causes and remedies.
- Welding variables.

PRACTICAL: 70 hrs

- Simulator based session for building dexterities & hand-eye coordination.
- Actual practical session with various joint types, welding positions, parameters & techniques.

ELIGIBILITY:

Minimum 8th class pass, with 1/2 years experience as Fitters/Welding helpers/ subordinate welders.

COURSE EVALUATION: Practical & Written/Oral tests.

OUTCOMES:

The course curriculum will enable students to become a good GMAW welder.

NOTE:

The above course can be delivered in English, Hindi & Marathi.