



MMA BASIC WELDING COURSE

COURSE CONTENT

AIM

To give the delegate a basic understanding of the theoretical and practical aspects of the Manual Metal Arc Welding process.

Pre-Requisite

No previous knowledge of welding is required.

Course Duration

The duration of the course will be dependent upon the aptitude of the delegate. It is envisaged that a minimum of five days training will be required.

Maximum Number

10 persons.

Training Aids

Lecture notes, audio-visual presentation and practical demonstrations.

Assessment

The learner will be assessed on the visual appearance of their weldments.

Certification

Candidates will receive a NETA certificate.

Please Note: NETA certificates have an advised expiry of 3 years from date of issue.

Additional Information

Meeting the needs and expectations of service users is of the highest priority to our staff. Therefore if you have any concerns or wish to make a comment about the service please contact: info@NETA.co.uk

COURSE OBJECTIVES

On completion of the course delegates will be able to:

- Safely and correctly use Manual Metal Arc welding equipment
- Strike and maintain the welding arc
- Weld fillet joints in a variety of positions
- Recognise weld faults and having knowledge of the method to rectify them
- Identify different types and styles of electrodes
- Safely control the storage of electrodes
- Show an awareness of joint geometry and basic weld metallurgy

COURSE SYLLABUS

Introduction to the Centre

- Domestic and safety arrangements

Health & Safety in MMA Welding

The Use of:

- Safety equipment
- Protective clothing

Introduction to the Process

- Electrical current and voltage
- Selecting of correct polarity
- Types of welding sets

Electrodes

- Classification
- Storage requirements

Joints

- Types of joints
- Joint configuration

Practical Work

- Striking the arc
- Depositing single runs
- Depositing multi-runs
- Introduction to fillet welds
- Introduction to butt welds
- Welding fillet weld in various positions