



## WELDING PRINCIPLES

**Cost:**

£450 + VAT

**Duration:**

3 days

**Entry requirements:**

None required

**Overview:**

This course will cover:

- Safely set electrical conditions for MMA Welding and understand the principles
- Understand the importance of selecting the correct welding electrodes
- Identify weld faults and corrective action
- Adequate candidate practice on all the above mentioned skills
- Practice in SAFELY using TIG welding equipment
- The correct method of setting up the equipment
- The correct method of striking and breaking the arc
- Depositing single weld runs in the flat position
- Setting up and welding Tee joints and outside corner
- The identification of common welding faults and corrective action
- Adequate candidate practice on all the above mentioned skills
- All points relating to the safe use of MIG Welding equipment
- Understand the basic principles of Inert Gas Welding machinery
- Deposit a single Butt Weld
- Set up and weld Tee Joints and outside corner
- Adequate candidate practice on all above mentioned skills





**Assessments:**

Observation and questioning

**Who is it for?**

Anyone requiring welding as part of their job

**Aim:**

To cover the practical and theoretical aspects of welding

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