Introduction to Welding and Process Knowledge for First Time Welders

Course Aim

To provide delegates with an understanding of the most commonly used welding processes of MIG or MMA (stick) welding work, practical instruction on the operation and applications, and the safe use and handling of the equipment and ancillaries.

Who Should Attend?

Those who are requiring a basic knowledge of welding.

Unsure if this is the right course level for you ring 0345 605 0006 to discuss your requirements.

Course Duration

This is a 1 day course.

Certification

A certificate of attendance will be awarded on successful completion of the course.

An additional instructor report on an individual's performance can be provided on request.

Agenda

Theory

- Introduction to the welding processes, how and why the processes works
- Advantages and disadvantages of each process
- What type of equipment is in common use
- What consumables are needed for welding
- What safety and protective clothing is required for the operator and any other persons around the welding area

Practical

- Setting up an MMA (stick) welder, connecting to the power supply, connecting the welding leads, selecting the correct welding rod for the job
- Practical welding instruction, best techniques, and understanding the features of a good weld
- Setting up a MIG welder, connection to the power supply, gas supply, selecting the correct torch parts and welding wire, setting the gas pressure and flow, setting the welding voltage and wire speed
- Practical welding instruction, best techniques and understanding the features of a good weld