

Practical TIG / GTAW Welding Training



An introduction to the TIG welding process covering:
How to set up the equipment, selecting the correct
consumables and basic techniques for a range of
applications and metals.

Practical TIG / GTAW Welding Objectives:

At the end of the course the delegate will be able to
List all the hazards associated with the TIG welding process
Set up the equipment for specific applications
Select the correct consumables (gas, rod and tungsten type)
Demonstrate the correct basic techniques

Duration: 1 day

Number of delegates: Up to 4

Agenda:

Classroom - TIG Welding Theory - Approximately 2 hours

Welding process safety and controls.

(Electric shock, fume, arc radiation and inert gases)

TIG process equipment and set up

Consumable selection (rod, gas, tungsten)

Welding joint types and positions

Workshop – TIG Welding Practical - Approximately 5 hours

Safe process set up and pre use inspection

Demonstration of techniques for a range of applications,
based on customers requirements.

Practice of techniques, Identifying faults and rectification
perform a safe shut down of the equipment

Each Delegate Will Receive:

A certificate stating the content covered

A comprehensive reference booklet covering all topics contained in the training course

This course can be tailored to your specific needs!

If you have the space, we can manage bigger groups of delegates. The only reason we restrict delegate numbers to four is to ensure each attendee has the time they need to practice the techniques learned.

If you have a specific application you need to use the process for then we will gear the training around that.

We can also supply at an additional cost:

- Welding equipment

- Extraction equipment

- Metal sample pieces

- Consumables (rods, wire etc. but not gases)

Please contact us to discuss



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