TIG Welding Introduction

Course Aim

By the end of this course, delegates will have an understanding of TIG Welders, and how to use them safely.

Who Should Attend?

Anyone looking to gain a basic understanding of TIG Welders for use at work or home

Course Duration

This is a 1 day course.

Agenda

Theory

- Basic operational principles of the welding process
- The difference between AC and DC TIG Welding
- The common consumables used, what they are and why they are used
- Health and Safety for the TIG Process and welding
- Set of the welding job and the welding machine

Practical

- Formal set up of the machine
- Hands on use and best practice techniques for TIG welding
- TIG Welding of Mild Steel, Sheet and Stainless or Aluminium depending on requirements and skill level of the delegate
- Practical Welding of Sheet metal, then box or pipe dependant on developed skill