



# NewGrange

TRAINING & SERVICES LTD

*Better People, Better Business®*

## Advanced TIG Welding Course

*All courses include a safety lecture relevant to the welding processes involved and delegates are advised on the welding safety pertinent to their individual workplace environment. The delegates are trained on the equipment used within their own works areas therefore familiarising them with all the functions, full capabilities and safe use of the equipment. This ensures your company has complied with legislation by carrying out formal training in line with the requirements of The Provision and Use of Work Equipment Regulations 1992.*



**This course is has been structured for delegates who have previous TIG welding experience and aims to further the delegate's skills to weld conventional joints in plate and pipe (multi-positional).**

**Course Location:** On-Site at your premises

**Course Duration:** 5 Full Days, (date & time to suit you e.g. 8.30am-3.30pm)

**No. of Delegates:** 10 delegates max

### Topics covered:

- Health and Safety as applied to TIG welding (lecture and videos)
- Welding defects/fault analysis and correction
- AC/DC applications as applicable
- Setting up and adjusting equipment to obtain optimum results
- Identification of filler wires and gases
- Autogenous fusion runs on outside corners (multi-positional)
- Fillet welds and lap joints in the horizontal, vertical and overhead positions
- Multi-positional butt joints in plate and pipe
- Purging recommendation and applications

### Materials

Carbon Steel, Stainless Steel and Aluminium (whichever is necessary for the application)

### Delegates Receive:

Certificate of Training, course notes and pen.

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