



# NewGrange

TRAINING & SERVICES LTD

*Better People, Better Business®*

## Health & Safety in Welding Processes

*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 structured to advise and make recommendations applicable to the welding processes (MMA) Manual Metal Arc, (MIG) Metal Inert Gas and (TIG) Tungsten Inert Gas and Oxy-Acetylene. To highlight the hazards and consequences of improper use and lack of maintenance. The information given should help the operator to use the equipment with greater confidence and ease. This should also give the ability to carry out basis regular inspections to ensure safe working.**

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

**Course Duration:** 1 Full Day, (date & time to suit you e.g. 8.30am-3.30pm)

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

### Topics covered:

- Health and Safety lecture with videos as applied to the welding processes in place
- Electric shock volts in use
- Care and maintenance of equipment
- Consequences of operating poorly maintained equipment
- Hazards created by the working environment
- Burns ultra violet, infrared, flames and hot metals
- Causes of accidents: Incorrect handling, faulty eye protection, unsuitable PPE
- Preventative measures
- Fumes extraction for use with different welding processes
- Fumes from metals to be welded
- Fumes from cleaning agents and the possible consequences
- Steps to take to help eliminate fumes
- Gases safe handling and storage of gases
- Identification of gases
- Review of gas cutting and welding equipment
- Periodic inspection and testing recommendations
- Q & A

### Delegates Receive:

Certificate of Training, course notes and pen.

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