



NewGrange

TRAINING & SERVICES LTD

Better People, Better Business®

Oxy-Acetylene Welding Competency

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 are requested to use oxy-acetylene equipment in production or maintenance work and to develop their skills, knowledge and safe working practices relevant to this process.

Course Location: On-Site at your premises

Course Duration: 3 Full Days, (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
- Safety as applied to oxy-acetylene welding equipment
- Basic principles of the oxy-acetylene welding process
- Preparation cutting, cleaning, fitting and fluxing
- Joint defect - causes and control
- Lap joints, butt joints, fillet joints, swaged joints
- Weld positions:
 - Butt welds - flat, vertical and horizontal
 - Fillet welds - flat, vertical and horizontal
 - Lap joints - flat, vertical and horizontal
- Weld positions on silver solder applications (Pipe) - rotated
- Horizontal, fixed, vertical, overhead and axis 45°
- Materials - mild steel, copper, brass and aluminium

Delegates Receive:

Certificate of Training, course notes and pen.

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