

## Practical Manual Metal Arc (MMA) Training



**This 1½ day Instructor-led practical based interactive workshop for up to 8 delegates is designed for all personnel engaged in or supervising MMA welding**

### Benefits

- Training by experienced staff from the UK's largest provider of industrial, speciality and medical gas training
- Practical sessions provide staff with relevant Standard Operating Procedures
- Practical fault finding
- Safer, better informed operators. Reduced risk of personal injury or plant damage
- Increased operator skill levels, reduced reject rates
- Increased production efficiency, reduced downtime
- Safety content assists in the completion of risk assessments
- Cost-effective on-site training
- Provides awareness of current Legislation, Guidance Notes and Codes of Practice

### Workshop overview

- Introduction to MMA welding
- Why do accidents happen?
- Overview of risk assessments
- Safety precautions
- Pre-use visual checks on equipment
- Correct assembly of equipment
- Striking and breaking the arc
- Selecting appropriate electrodes
- Setting electrical conditions
- Normal maintenance and routine care
- Recognise faults and causes
- Rectification of faults
- Practising straight runs on mild steel plate
- Practice to reach an acceptable standard

### What you will learn

- Appreciate the importance of safe working procedures and be made fully aware of the consequences of adopting poor working practices
- Develop an awareness of hazards associated with the MMA welding process and how to approach risk assessments in a real world situation
- Ability to safely assemble and operate MMA welding equipment as well as selecting the most economic and appropriate procedures and techniques for producing welds to the required standard
- Correct technique and increase efficiencies – the theoretical fundamentals of the MMA process are then reinforced during the practical sessions
- Improve skill levels – the initial practical focuses on the correct set-up of an MMA welding set and how to fault find, whilst the second session allows operators the opportunity to practice techniques
  - correctly and safely set-up an MMA welding set
  - recognise, understand their causes and rectify faults
  - adjust weld settings to suit the work to be done
  - weld in the flat condition to an acceptable standard

### Workshop price

#### Practical MMA Training (1½ days)

£1,275 for up to 4 delegates, £1,625 for up to 6 delegates and £1,975 for up to 8 delegates. VAT is payable at standard rate.

*All delegates must be provided with, and wear, appropriate PPE during this practical sessions i.e overalls, eye protection, safety shoes and safety gloves*

Next step...visit our website to see our full range of workshops...

We have a full range of Instructor-led Gases Safety Awareness & Practical workshops.

**Also available – workshops which combine safety, process & practice**

- Practical Brazing and Soldering Training
- Practical Oxy-fuel Cutting Training
- Practical MIG (GMAW) Welding training
- Practical TIG (GTAW) Welding Training

*All delegates must attend the appropriate Instructor-led or on-line safety awareness workshop before they can participate in the practical workshop*



**Specific e-Learning packages**

**What training modules are available?**

- Using Liquid Nitrogen Safety
- Using Oxy-fuel Gases Safely
- Using Compressed Cylinder Gases Safely (non oxy-fuel)
- Using Medical Gas Cylinders Safely  
(available Including or excluding Cylinder Storage & Manifold Systems)

e-Learning offers a more flexible, accessible method of training which delivers high quality affordable training without the need to gather employees together in a classroom. This method is ideal for single users, new starters or as refresher training.



**To discuss your training requirements or specific requirements, such as On-site Advisory survey Please contact us**

**01270 758893**

**E-mail: [wessingtontraining@gassafeconsultants.co.uk](mailto:wessingtontraining@gassafeconsultants.co.uk)**

**Visit the website**

**Or write to;**  
Wessington Safety Training,  
Waterloo House,  
2 Station Road  
Elworth,  
Sandbach,  
Cheshire  
CW11 3JG

