

Welding/Shielding Gases Safety Awareness Workshop



This half-day Instructor-led workshop provides safety awareness for all personnel who use shielding gases for either MIG(GMAW) or TIG(GTAW) welding

Benefits

- Training delivered by highly skilled, industry trained, experienced course directors
- Efficiently ensure that staff are trained in all aspects of cylinder gas safety
- Cost effective on-site training
- Staff are made aware of the hazards so that they can identify risks and adopt safe working practices

Workshop overview

- Why do accidents occur?
- Overview of risk assessments
- What's in the air?
- Inert gases – shielding gases
- Hazards of oxygen deficient atmospheres
- Properties of oxygen, hazards of oxygen enrichment
- Hazards posed by oils and greases
- The need for personal protective equipment
- Safe operation of gas cylinders
- Gas control equipment - regulators
- Safe handling of gas cylinders
- Safe storage of gas cylinders
- What happens when it all goes wrong

Workshop price

Welding/Shielding Gases Safety Awareness Workshop (3 ½ hours)

£980 for up to 8 delegates, additional delegates £95 per head up to a maximum of 20 delegates. VAT is payable at standard rate.

Next step... Connecting Regulators & Cylinder Set-up Practical

Who should attend?

- Anyone using, handling or storing shielding gases on site
- Production and other managers with operational responsibilities for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of shielding gases within their department
- Anyone responsible for health and safety

What you will learn

The workshop will enable participants to:

- Correctly identify gas cylinders
- Recognise how cylinders operate
- Be aware of the hazards of asphyxia
- Recognise the hazards posed by oxygen enrichment
- Identify flammability hazards
- Select the correct gas control equipment
- Recognise the hazards of using incorrect manual handling techniques
- Re-assess current storage facilities in line with safe working practices
- Introduce safe working practices into their workplace

Next step...do your delegates require practical training?

Instructor-led Practical Workshops

After completing the appropriate Gases Safety Awareness workshop staff are able to participate in the appropriate practical workshop that both enhances knowledge levels and encourages safe working practices:

- Liquid nitrogen decanting
- Connecting regulators and cylinder set-up
- Oxy-fuel gas systems set-up and pre-use check
- Oxy-fuel gas systems maintenance and inspection
- Safe manual handling of gas cylinders



Also available – workshops which combine safety, process & practice

- Practical oxy-fuel gas cutting training
- Practical brazing & soldering
- Practical Manual Metal Arc (MMA) 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**

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