

Oxy-fuel Gas Systems Set-up and Pre-use Check



This 2 hour Instructor-led workshop provides practical instruction on the correct assembly and pre-use check of oxy-fuel gas systems

Benefits

- Training delivered by highly skilled, industry trained, experienced course directors
- Staff are made aware of the hazards so that they can identify risks and adopt safe working practices
- Staff will appreciate the need to treat all gas control equipment with respect
- Appreciate that correct nozzle selection and gas flow can improve process and reduce wastage

Who should attend?

- Anyone using oxy-fuel gas systems on site
- Production and other managers with operational responsibilities for oxy-fuel gas systems
- Managers, supervisors and staff, from all functions who are responsible for the safe use of oxy-fuel gas systems within their department
- Risk managers and anyone responsible for health and safety

Workshop overview

- The need for personal protective equipment
- Single and multi-stage regulators
- Pre-use visual checks on regulators
- How flashbacks occur
- The need for flashback arrestors
- Correct hose selection
- Using hoses safely
- Torch designs and selection
- Correct nozzle selection
- Safe working practices
- Incidents caused by incorrect working practices
- Practical workshop session

What you will learn

The workshop will enable participants to:

- Correctly identify gas cylinders
- Identify functional differences between regulator types
- Undertake a pre-use visual check on gas regulators
- Select and fit the correct flashback arrestors
- Identify the correct hoses to be fitted
- Select the correct cutting torch and nozzle
- Set the correct gas pressure for the nozzle being used
- Correctly set-up and oxy-fuel gas workstation
- How to leak test an oxy-fuel gas system
- How to safely shut down and oxy-fuel gas system

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

Workshop price

Oxy-fuel Gas Systems Set-up and Pre-use Check (2 hours)

£765 for up to 8 delegates, additional delegates £95 per head up to a maximum of 12 delegates. VAT is payable at the standard rate.

Please note it is essential that all delegates have completed the relevant Safety Awareness Workshop before attending this practical workshop

First step...choose the relevant Safety Awareness Workshop...



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

- Industrial Gases Safety Awareness
- Industrial Gases Safety Awareness for Refrigeration Engineers
- Using Oxy-fuel Gases Safely (on-line workshop)

Specific e-Learning packages

What training modules are available?

- Using Liquid Nitrogen Safely
- 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
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