

Laboratory Gases Safety Awareness (including piped systems) Workshop

If you can't identify the hazards you can't assess the risks



CryoService are pleased to introduce this 4 hour Instructor-led workshop, which provides safety awareness for all personnel who either use, handle or store gas cylinders (including piped systems)

Benefits

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

Who should attend?

- Anyone using, handling or storing cylinder gases in a laboratory environment
- Laboratory and other managers with operational responsibilities for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of gases within their departments
- Risk managers and anyone responsible for health and safety

Workshop overview

- Why do accidents occur?
- What's in the air?
- Inert gases and oxygen deficiency
- Oxygen enrichment
- Hazards posed by oils and greases
- Hazards of flammability
- 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
- Piped systems
- What happens when it all goes wrong

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

Workshop price

Laboratory Gases Safety Awareness (including piped systems) Workshop
£1,120 for up to 8 delegates, additional delegates £105 per head
up to a maximum of 20 delegates. VAT is payable at the standard rate.



Call 01270 758896 or visit www.cryoservice.co.uk

Connecting Regulators & Cylinder Set-up Practical

If you can't identify the hazards you can't assess the risks



This 1½ hour Instructor-led workshop provides practical instruction on the correct assembly of gas cylinders and equipment. It is designed to follow the Laboratory Workshop shown overleaf

Benefits

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

Who should attend?

- Anyone who connects regulators to gas cylinders
- Managers with operational responsibilities for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of gases
- 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
- Correct fitting of gas regulators
- Visual checks on hose assemblies
- Correct attachment of hose assemblies
- Setting correct working pressures
- Leak test procedure
- Safe working practices with gas regulators
- Practical workshop session

What you will learn

The workshop will enable participants to:

- Correctly identify gas cylinders
- Recognise how cylinders operate
- Identify potential hazards on gas regulators
- Select the correct gas control equipment
- Correctly fit a gas regulator to a cylinder valve
- Recognise the need to open cylinder valves slowly
- Correctly leak test a gas system
- Recognise the need for safe shut-down procedures
- Wear appropriate PPE when moving cylinders or connecting regulators
- Introduce safe working practices into the workplace

Please note: All delegates must be supplied with, and wear, appropriate PPE during the practical session i.e. eye protection, safety shoes and safety gloves.

Workshop price

Connecting Regulators & Cylinder Set-up Practical (1½ 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.



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