

# Laboratory Gases Safety Awareness (including piped systems) Workshop

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

This 4 hour Instructor-led workshop provides safety awareness for all personnel who either use, handle or store compressed gases (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 that 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 department
- Anyone responsible for health and safety

*"With new members in the teams we believed we had a need to help them recognise and understand the hazards involved in dealing with gases. This workshop fitted our needs perfectly..the course was delivered in an interesting, informative and professional manner..."*

Nigel Dix, Safety, Health & Environment Coordinator  
The Forensic Science Service

## Workshop overview

- Why do accidents occur?
- What's in the air?
- Inert gases and oxygen deficiency
- Overview of cryogenic liquids
- 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
- Be aware of the hazards posed by cryogenic liquids
- 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.



# Additional Information

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

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

### ● Connecting Regulators & Cylinder Set-up

All delegates must attend the safety awareness workshop before they can participate in the practical, which is usually held in the afternoon of the same day

## Providing total training solutions for gas users...

- All your delegates will receive a certificate of attendance and comprehensive workshop literature for continued reference purposes in the workplace. This includes relevant Standard Operating Procedures if a practical workshop has been attended.

## e-Learning

Packages are available for those clients who need 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 of training is ideal for single users, new starters or as refresher training.

- Gases Safety Awareness is available at [www.bocsafetytraining.com](http://www.bocsafetytraining.com)
- General Health & Safety is at [www.gsc-interactive.com](http://www.gsc-interactive.com)

## Special Requirements...

Trained by us before? Please ask about our Refresher Training

- Consultancy Services - Risk Assessments, On-site Advisory Survey, Written Schemes of Examination for piped systems, Piped System Installation, Inspection and Testing
- Equipment solutions for gas users at [www.gassafegear.co.uk](http://www.gassafegear.co.uk)



### Contact us...

If you know or wish to discuss your requirements;  
Call one of our training advisors on **01270 758898**  
Visit our website [www.bocsafetytraining.com](http://www.bocsafetytraining.com)

Write to us at; BOC Safety Training  
Waterloo House  
2 Station Road  
Elworth, Sandbach  
Cheshire  
CW11 3JG

