

# BOC Safety training courses

- Open workshops
- In-house workshops and courses
- e-Learning packages



# Safety with gases cylinders open Workshop

This full day instructor-led workshop is designed for personnel involved in either the use, handling, storage or transportation of compressed gas cylinders

## Benefits

- Training delivered by highly skilled, industry trained and experienced course directors
- Ensure personnel gain awareness of compressed gases safety
- Cost-effective off-site training
- Staff are made aware of the hazards so they can identify risks and adopt safe working practices

## Workshop Overview

- Why do accidents occur?
- What's in the air?
- Overview of risk assessments
- Potential hazards when working with gas cylinders
- Hazards posed by fire
- Hazards posed by pressure
- Function and safe operation of regulators
- Correct identification and operation of gas cylinders
- Flashback arrestors and how they are used
- Correct set-up of a gas system
- Storage of gas cylinders
- Handling gas cylinders safely
- Transporting cylinders safely
- What happens when it all goes wrong?

## Workshop Price

Safety with gas cylinders open workshop  
(Full day)

£175 + VAT per delegate.  
Workshop fee includes lunch,  
refreshments and workbook.  
VAT is payable at the standard rate.

## Who should attend?

- Anyone using, handling or storing compressed gas cylinders
- Safety personnel and other managers with operational responsibility for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of compressed gas cylinders within their area of work
- Risk managers and anyone responsible for health and safety

## What you will learn

The workshop will enable participants to:

- Correctly identify compressed gas cylinders
- Understand how compressed gas cylinders operate
- Be aware of the hazards of asphyxiation
- Reduce risks when using compressed gas cylinders
- Understand how to move cylinders
- Recognise the appropriate personal protective equipment when using compressed gas cylinders
- Recognise the need for ventilation and monitors
- Manage the safe storage of compressed cylinders
- Introduce safe working practices into your workplace



# In-House safety training awareness workshops and practical courses

When there is a sufficient number of personnel using gases, it can be more cost effective and less disruptive to hold safety training on your premises

## Benefits

- Training delivered by highly skilled, industry trained and experienced course directors
- Training is managed on-site where it is directly related to the delegates work environment
- A wide variety of courses and workshops are available covering many different aspects of gas usage
- It can be more cost effective than having to accommodate personnel away from the workplace

## Who should attend?

- Anyone using, handling or storing compressed gas cylinders and/or cryogenic gases
- Safety personnel and other managers with operational responsibility for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of compressed gas cylinders and/or cryogenic gases within their area of work

## Awareness workshops

Course objectives - In addition to the specific objectives of each workshop those attending will also be able to:

- Correctly identify gas cylinders and cryogenic vessels
- Recognise the hazards associated with gases
- Reduce risks when using cryogenic liquids
- Understand the hazards posed by oxygen enrichment
- Identify flammability hazards
- Select the correct gas control equipment
- Recognise the hazards associated with handling gas cylinders
- Re-assess current storage facilities in line with safe working practice
- Become pro-active in assessing risk when using gas cylinders
- Introduce safe working practices into the working environment

Course	Duration	Price	Price per additional delegate	Maximum delegates
Industrial gases safety awareness	3 ½ hours	£980 for up to 8 delegates	£95	20
Laboratory gases safety awareness	3 ½ hours	£980 for up to 8 delegates	£95	20
Cryogenic gases safety awareness	3 ½ hours	£980 for up to 8 delegates	£95	20
Propane / LPG gases safety awareness	3 hours	£980 for up to 8 delegates	£95	20
Inert gases safety awareness	3 ½ hours	£980 for up to 8 delegates	£95	20
Welding/shielding gases safety awareness	3 ½ hours	£980 for up to 8 delegates	£95	20

All prices exclude VAT

## Practical workshops

Course objectives - In addition to the specific objectives of each workshop those attending will also be able to:

- Identify potential hazards and defects on gas regulators
- Identify the functional differences between single and multi-stage regulators
- Understand how to correctly fit a regulator to a cylinder valve
- Recognise the need to open cylinder valves slowly
- Recognise the hazards involved when handling gas cylinders
- Understand the need to use correct cylinder trolleys

Workshop	Duration	Price	Price per additional delegate	Maximum delegates
Oxy-fuel systems maintenance inspection	3 hours	£980 for up to 8 delegates	£95	12
Oxy-fuel systems set-up and pre-use check	2 hours	£765 for up to 8 delegates	£95	12
Connecting regulators and cylinder set-up	1 ½ hours	£765 for up to 8 delegates	£95	12
Liquid nitrogen decanting practical	1 ½ hours	£765 for up to 8 delegates	£95	12
Safe manual handling of gas cylinders	3 ½ hours	£980 for up to 8 delegates	£95	12

All prices exclude VAT

## Please note

All delegates on the in-house practical workshops must be supplied with and wear appropriate personal protective equipment during the practical session. i.e. eye protection, safety shoes and gloves where necessary.

# On-Line safety training

e-Learning packages are available for those clients who require a more flexible method of gas safety training that 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. Go on-line at [www.bocsafetytraining.com](http://www.bocsafetytraining.com)

## Benefits

On-line gas safety training with a high level of interaction helps staff understand the subject matter and enjoy the experience

- Flexible and cost effective method of training
- Easily managed and audited
- Ability to train consistently over a number of locations
- Accessible learning opportunities 24 hours a day
- Staff can learn at their own pace
- Certified learning

## e-Learning packages available

- Using compressed cylinder gases safely (non oxy-fuel)
- Using oxy-fuel gases safely
- Using liquid Nitrogen safely
- Transporting gas cylinders safely

## How are the on-line workshops different to reading a book?

The workshops are interactive, include graphics, tips and real examples, all designed to keep the training engaging and entertaining. Throughout the training you will also find exercises and a test at the end of each module.

## Workshop objectives

In addition to the specific objectives of each workshop some are common to all:

- Identify gases correctly
- Increase awareness of hazards associated with gases
- Appreciate the need for risk assessments
- Become pro-active in reviewing standard operating procedures
- Select the correct gas control equipment
- Assess storage facilities in line with safe working practices
- Recognise the hazards of using incorrect manual handling techniques
- Introduce safe working practices into the workplace

## How long will it take to complete an individual workshop?

Individual on-line workshops cover topics taught in a full day instructor-led workshop. Participants usually complete the on-line workshops in 2 to 3 hours of total running time, depending on pre-existing knowledge and experience. There is no need to worry about completing a workshop in one sitting. Individual modules may be completed relatively quickly, allowing you to progress through the workshop as time permits. The modules are available 24 hours a day.



The screenshot shows a web browser window displaying the BOC On-line Safety Training website. The page features a red sidebar with navigation links: 'Using Compressed Cylinder Gases Safely (non Oxy-fuel)', 'Using Oxy-fuel Gases Safely', 'Using Liquid Nitrogen Safely', and 'Transporting Gas Cylinders Safely'. The main content area is titled 'On-line Safety Training' and includes the text: 'e-Learning brought to you in association with Gas Safe'. Below this, it states: 'On-line Safety Training Workshops' and 'For many years BOC have been providing safety training workshops using the services of Gas Safe Consultants Ltd. Gas Safe have developed a suite of computer based safety awareness workshops which are now available to all BOC customers.' A call to action says: 'By clicking on the button below or the workshops titles to the left you will be redirected to the Gas Safe Interactive website where you can:' followed by a list of bullet points: 'View demos of the on-line safety workshops', 'Identify which workshop meets your needs', 'Make an on-line booking or enquiry', and 'Start training today!'. At the bottom, there is a red button labeled 'Enter Gas Safe Interactive' and a small image of a person using a laptop.

# How to book your safety training

## Open workshops

These workshops are held at various locations around the country throughout the year. To find out where your nearest workshop is being held go on-line to [www.bocindustrial.co.uk](http://www.bocindustrial.co.uk) or contact **BOC Safety Training** on **01270 758 898**

## In-house safety training awareness workshops and practical courses

These awareness workshops and practical courses can be arranged throughout the year. Simply contact **BOC Safety Training** on **01270 758 898** to book yours.

## On-line safety training

The e-learning packages are available to purchase on-line at [www.bocsafetytraining.com](http://www.bocsafetytraining.com)  
Simply complete your details and you will be given a unique log-in ID. Use this to complete your module.  
You can contact us on **01270 758 892**

Alternatively you can discuss all your safety training requirements by contacting us at:

BOC Safety Training  
Waterloo House  
2 Station Road  
Elworth  
Sandbach  
Cheshire  
CW11 3JG  
Telephone: 01270 758 898  
E-mail: [voc-training@gas-safe-interactive.com](mailto:boc-training@gas-safe-interactive.com)  
Web: [www.bocsafetytraining.com](http://www.bocsafetytraining.com)