

This **NEW** full day workshop is designed for anyone involved in either the use, handling, storage or transportation of compressed gas cylinders.

It includes guidance on how to visually check regulators and safely connect them to gas cylinders.

Why do accidents occur?

Loss Causation Model (team exercise)

Overview of Risk Assessments

The need for Standard Operating Procedures when using gases

Understanding our atmosphere

What's in the air (team exercise)

Potential hazards when working with gas cylinders

Inert gases - oxygen depletion  
Oxidants - oxygen enrichment. The hazards posed by oils & greases  
Flammability - hazards when handling fuel gases

Hazard posed by fire

Incidents caused by misuse of gas cylinders and equipment  
Emergency fire procedures when cylinders are involved

Hazards posed by pressure

Graphic details of an incident caused by pressure release

Regulators

Function and operation of multi-stage and single-stage regulators  
Correct regulator checking and fitting procedure  
The need to leak test with approved solutions

Gas cylinders

Construction, operation & correct identification of different types of gas cylinders

Flashback arrestors

How flashbacks occur - how a flashback arrestor operates.  
Actions to be taken in the event of a flashback

Correct set-up of a gas system

On-screen set-up procedure for an oxy-fuel workstation

Storage of gas cylinders

Delegates are asked to identify the key safety features of an industrial gases storage area (design, layout, segregation, signage etc)

Handling gas cylinders safely

Key principles in moving cylinders safely

Transporting cylinders safely

Key principles in transporting cylinders safely. Safe storage and use of cylinders in mobile workshops and service vehicles

What happens when it all goes wrong?

Graphic illustration of an incident to demonstrate the consequences of a lack of knowledge, poor training and no emergency procedures

**To book simply complete the booking form  
& fax-back to 01270 758899**

# Safety with Gas Cylinders (full day)

## Workshop Dates

Workshop ID number

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### Scotland

9310	17th March	Edinburgh	9328	8th September	Glasgow
9311	18th March	Aberdeen	9329	9th September	Edinburgh
9312	19th March	Glasgow			

### North

9301	3rd February	Newcastle	9319	28th April	Sheffield
9302	4th February	Bradford	9330	10th September	Newcastle
9303	5th February	Liverpool	9331	15th September	Liverpool
9313	24th March	Preston	9338	7th October	Manchester
9314	25th March	Manchester	9339	8th October	York

### Midlands

9304	10th February	Coventry	9333	17th September	Oxford
9315	26th March	Birmingham	9336	24th September	Northampton
9322	12th May	Wolverhampton	9337	6th October	Nottingham
9332	16th September	Birmingham			

### South

9305	11th February	Cambridge	9324	14th May	Harrow
9306	12th February	Enfield	9325	21st May	Southampton
9307	3rd March	Reading	9334	22nd September	Southampton
9308	4th March	Heathrow	9335	23rd September	Maidstone
9309	5th March	Maidstone	9341	15th October	Heathrow
9320	29th April	Peterborough	9342	20th October	Romford
9321	30th April	Ipswich	9343	21st October	Cambridge
9323	13th May	Luton	9344	22nd October	Norwich

### South West & Wales

9316	31st March	Bristol	9326	20th May	Exeter
9317	1st April	Cardiff	9327	19th May	Plymouth
9318	2nd April	Swansea	9340	13th October	Cardiff

#### BOC Safety Training Workshops

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Member of The Linde Group

# Fax - Back Booking Form

Please complete and fax-back to 01270 758899

I would like to book place(s) on the New BOC Open Workshop

**Safety with Gas Cylinders (full day)**

Cost per workshop per delegate £175 + VAT

Workshop fee includes lunch, refreshments and workbook

Contact name:.....

Job title:.....

Company name:.....

Company address:.....

.....

.....Postcode:.....

Tel No:.....

Fax No:.....

Contact e-mail address:.....

BOC Account number:.....

Order number:.....

It is important you specify your BOC account number and your order number. Confirmation of your booking and workshop joining details will be sent within 5 working days of receipt of your booking form. In the event of non-attendance or cancellation less than 5 days before the workshop BOC reserves the right to charge the full workshop fee. In the unlikely event that BOC needs to cancel or rearrange a workshop the delegate will be notified as far in advance as possible.

## Delegate names

1.....

2.....

3.....

4.....

5.....

Course date:.....

Venue:.....

Workshop ID number:.....

Signature:.....Date:.....

Fax-Back on 01270 758899

Subject to BOC's General Conditions of Sale

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