

Industrial Gases Safety Awareness for Refrigeration Engineers



This half-day Instructor-led workshop provides safety awareness for all personnel who either use, handle or transport gas cylinders in the refrigeration industry

Benefits

- Training delivered by highly skilled, industry trained, experienced course directors
- Efficiently ensure that staff are trained in all aspects of 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

Workshop overview

- Why do accidents occur?
- What's in the air?
- Properties of nitrogen - oxygen deficiency
- Properties of oxygen - oxygen enrichment
- Hazards posed by oils and greases
- Hazards of flammability – acetylene properties
- Properties of refrigerant gases
- Safe operation of gas cylinders
- The need for personal protective equipment
- Gas control equipment – regulators
- Oxy-fuel gas equipment
- Safe handling of gas cylinders
- Safe storage of gas cylinders
- Safe transportation of gas cylinders in service vehicles

Workshop price

Industrial Gases Safety Awareness for Refrigeration Engineers (4 hours)

£1,060 for up to 8 delegates, additional delegates £95 per head up to a maximum of 20 delegates. VAT is payable at standard rate.

**Next step... Oxy-fuel Gas Systems Pre-use and Set-up Practical
Or Oxy-fuel Gas Systems Maintenance Inspection Practical**

Who should attend?

- Anyone using, handling, storing or transporting gas cylinders used in the refrigeration industry
- Service and other managers with operational responsibilities for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of refrigeration and other gases within their department
- Risk managers and anyone responsible for health and safety

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
- Recognise the potential hazards posed by refrigerants
- 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
- Identify hazards when transporting gas cylinders



gas safety training brought to you in association with Gas Safe

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

Instructor-led Practical Workshops

After completing the appropriate Gases Safety Awareness workshop staff are able to participate in the appropriate practical workshop that both enhances knowledge levels and encourages safe working practices:

- Liquid nitrogen decanting
- Connecting regulators and cylinder set-up
- Oxy-fuel gas systems set-up and pre-use check
- Oxy-fuel gas systems maintenance and inspection
- Safe manual handling of gas cylinders

Also available – workshops which combine safety, process & practice

- Practical oxy-fuel gas cutting training
- Practical brazing & soldering
- Practical MIG (GMAW) welding training
- Practical TIG (GTAW) welding training

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

Specific e-Learning packages

What training modules are available?

- Using Liquid Nitrogen Safety
- 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
Please contact us**

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