

Cryogenic Gases Safety Awareness Workshop



This half-day Instructor-led workshop provides safety awareness for all personnel who either use, handle or store cryogenic liquids

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?
- Expansion rates and oxygen deficiency
- The need for oxygen monitoring systems
- Team exercise – Inert gas rescue
- Hazards posed by cold - cryogenic burns
- The need for personal protective equipment
- Design of cryogenic vessels
- Hazards posed by pressure
- Safe handling of cryogenic vessels
- Safe storage of cryogenic vessels
- Potential oxygen enrichment hazards during decanting

Workshop price

Cryogenic Gases Safety Awareness Workshop (3 ½ hours)

£980 for up to 8 delegates, additional delegates £95 per head up to a maximum of 20 delegates. VAT is payable at standard rate.

Who should attend?

- Anyone using, handling or storing cryogenic liquids
- Laboratory and other managers with operational responsibilities for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of cryogenic liquids within their department
- Risk managers and anyone responsible for health and safety

What you will learn

The workshop will enable participants to:

- Correctly identify cryogenic vessels
- Recognise how cryogenic vessels operate
- Be aware of the hazards of asphyxia
- Appreciate the hazards posed by cryogenic liquids
- Reduce risks when using cryogenic liquids
- Be aware of the need to move vessels with care
- Recognise the need for ventilation and monitors
- Wear appropriate PPE when using cryogenic liquids
- Manage the safe storage of cryogenic liquids
- Introduce safe working practices into the workplace



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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