

# Cryogenic Gases Safety Awareness Workshop

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

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 gain awareness of 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 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

*"Many thanks for the cryogenic training package which was exactly as required. We will be in contact again in the near future."*

Mike Huxtable, Sanyo E&E Europe BV  
Biomedical Division

## 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

## 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 their workplace

## Workshop price

Cryogenic Gases Safety Awareness Workshop (3½ hours)  
£980 for up to 8 delegates, additional delegates £95 per head up to a maximum of 20 delegates. VAT is payable at the standard rate.



Gas Safe<sup>LTD</sup>

# Additional Information

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

- Liquid Nitrogen Decanting

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.

- For full details visit [www.gas-safe-interactive.com](http://www.gas-safe-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  
[www.gas-safe-pressure-systems.com](http://www.gas-safe-pressure-systems.com)
- 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 758890**

Visit [www.gassafeconsultants.co.uk](http://www.gassafeconsultants.co.uk) and complete an enquiry form

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