

University Safe Decanting of Liquid Nitrogen Practical Workshop

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

This 1½ hour Instructor-led workshop provides practical instruction on the correct decanting of liquid nitrogen from a pressure vessel or working flask

Benefits

- Training delivered by highly skilled, industry trained, experienced course directors
- Provides practical instruction of how to correctly connect decant liquid nitrogen in a university environment
- Cost-effective on-site training
- Delegates are made aware of potential hazards so that they can identify risks and adopt safe working practices

Who should attend?

- The workshop is designed for lecturers, managers, supervisors, technicians and students who either use or supervise personnel working with cryogenic liquids and associated equipment in a laboratory environment
- Anyone responsible for health and safety

Note: Prior to attending this practical workshop all delegates must have completed, via e-Learning, 'Using Liquid Nitrogen Safely within Universities' - further details overleaf

"We were extremely happy with all the arrangements. I have had very positive feedback from all the participants. Thank you again for all your assistance and the efficient manner in which you dealt with all my queries."

Nigel Robertson, Training Officer
IGER

Workshop overview

- Team Exercise - Pipework identification, design and operation of cryogenic vessels
- Practical Session - Conducted utilising a low-pressure vessel and either a working flask or dewar to demonstrate safe decanting of liquid nitrogen, including;
 - The need for personal protective equipment
 - The need for oxygen monitoring systems
 - Valve identification
 - Pre-fill checks
 - The need to decant at the correct vessel pressure

The customer needs to provide liquid nitrogen, a low-pressure vessel and either a working flask or dewar

What you will learn

The workshop will enable participants to:

- Identify the key safety features on a cryogenic vessel
- Organise maintenance procedures as appropriate
- Identify potential hazards
- Control hazards when decanting cryogenic liquids
- Appreciate the need for safe decanting procedures
- Gain a clearer insight into the need for appropriate personal protective equipment
- Safely decant liquid nitrogen
- Introduce safe working practices into their working environment

Please note: All delegates must be supplied with, and wear, appropriate PPE during the practical session i.e. eye protection, safety shoes and cryogenic safety gloves.

Workshop price

The workshop is priced at £750, a maximum of 20 delegates may attend. VAT is payable at the standard rate. Certificates of attendance will be issued.



Additional Information

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How to complete liquid nitrogen safety awareness training

All delegates must have completed the appropriate online or Instructor-led safety awareness workshop before they can participate in the practical workshop.

- e-Learning 'Using Liquid Nitrogen Safely within Universities'

Do you have compressed gas cylinders on site?

If the answer is yes then all users should complete the following workshops;

- e-Learning 'Using Gas Cylinders Safely within Universities'
- Once complete delegates can then attend the following practical workshop;
- Instructor-led 'University Connecting Regulators Practical Workshop'

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

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
- Equipment solutions for gas users at 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 and complete an enquiry form

Write to us at;
Gas Safe Consultants Ltd
Waterloo House
2 Station Road
Elworth, Sandbach
Cheshire
CW11 3JG

