

Liquid Nitrogen Decanting Practical

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

This 2 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
- Staff are made aware of the hazards so they can identify risks and adopt safe working practices
- Product knowledge also promotes efficient gas use avoiding unnecessary wastage

Who should attend?

- Anyone decanting liquid nitrogen
- Laboratory and other managers with operational responsibilities for safety
- Managers, supervisors and staff from all functions who are responsible for the safe use of liquid nitrogen within their departments
- Risk managers and anyone responsible for health and safety

"I would like to thank you and your team for the training courses you provided for us...I was also impressed by the trainer who visited our sites twice beforehand to refine his course to our needs. This shows an excellent regard for customer satisfaction. I look forward to working with yourselves in the future."

Michael Daniel, Maintenance Delivery Gas Support Officer
National Grid

Workshop overview

- Review the properties of liquid nitrogen
- Team exercise - Pipework identification, design and operation of cryogenic vessels
- Filling and location of vessel
- Practical session conducted utilising a low-pressure vessel and either a working flask or dewar provided by the customer
- 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
- Delegate practical session

What you will learn

The workshop will enable participants to:

- Correctly identify cryogenic vessels
- Recognise how cryogenic vessels operate
- Identify key safety features on cryogenic vessels
- Be aware of the hazards posed by cryogenic liquids
- Undertake pre-use safety checks on vessels and dewars
- Safely vent excessive vessel pressure prior to decanting
- Control hazards when decanting liquid nitrogen
- Be aware of the need for safe decanting procedures
- Recognise the need for ventilation and monitors
- Introduce safe working practices into your workplace

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

Workshop price

Liquid Nitrogen Decanting Practical (2 hours)
£765 for up to 8 delegates, additional delegates £95 per head up to a maximum of 12 delegates. VAT is payable at the standard rate.

Please note it is essential that delegates have completed the relevant safety awareness workshop before attending this practical workshop



Additional Information

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

First step...choose the relevant safety awareness workshop

All delegates must have completed the appropriate online or Instructor-led safety awareness workshop before they can participate in the practical workshop. In the case of Instructor-led Safety Awareness Workshops the practical is usually held in the afternoon of the same day.

- e-Learning 'Using Liquid Nitrogen Safely'
- Cryogenic Gases Safety Awareness Workshop

Do you have any cylinder gas users or stores personnel who require appropriate training?
Please visit our website to see our full range of workshops.

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

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