

Using Liquid Nitrogen Safely

This e-learning workshop is for individuals who use liquid nitrogen and associated equipment in a wide range of applications. The training contains information on:

- Properties of liquid nitrogen
- Treatment of cold burns
- Essential personal protective equipment
- Expansion rate of liquid to gas
- The hazards of asphyxia
- Hazards posed by pressure
- How to calculate oxygen depletion
- Cryogenic vessel design and operation
- Safe storage of cryogenic vessels
- Safe handling of cryogenic vessels
- Safe decanting of liquid nitrogen



At the end of this online training workshop learners will be able to:

- Appreciate the properties of cryogenic liquids
- Describe how humans react in oxygen deficient situations
- Recognise the potential hazards posed by an uncontrolled release of pressure
- Identify different types of personal protective equipment and the need to comply with work procedures
- Distinguish the difference and similarities between pressure vessels and dewars
- Describe how a pressurised cryogenic vessel operates
- Identify key safety procedures when decanting liquid nitrogen
- Appreciate the consequences of using incorrect procedures and faulty equipment
- Recognise the dangers of transporting cryogenic vessels in lifts
- Adopt correct storage and manual handling practices

The fee for this workshop is £54.40 + vat per learner including online certification and comprehensive, readily accessible support documentation. We offer discounts for purchases of more than 10 training access codes, please contact us for further information.

You can purchase this e-learning workshop using a credit or debit card on our website. If you do not wish to purchase by card and instead wish to be invoiced, please contact us either by e-mail at admin@gassafetytraining.com or by phone during UK office hours on + 44 (0) 1270 758890.