

Nursing and ancillary staff using or coming into contact with medical gases require information and instruction on the safe use of the gases and associated equipment in line with current Codes of Practice and in support of HTM 2022.

**Medical Gases Safety Course** – classroom session 1.5 hours

Interactive training on gases and equipment with topics including: Fire hazards of oxygen enrichment, identification & cylinder preparation, regulator fitting and removal, leak testing, faulty cylinder procedure and manual handling techniques.

Up to 4 @ 45 minute practical session in groups of no more than 6 learners:

The trainer will demonstrate, and all learners will be given the opportunity to undertake, before use checks, regulator fitting, manual handling of cylinders.

**Certification**

Learners successfully completing both theory and practical course:

- Certificate of Achievement
- Gas Safety Passport Card

Certification is valid for 3 years after which refresher instruction is recommended.

**Price** (VAT at standard rate applicable)

Initial charge £995

Per learner £55

**Onsite Facilities Required**

- Suitable room equipped with a screen or monitor and electrical supply
- Access to medical gas cylinders and equipment for practical session

To participate in the practical session, learners must have available PPE according to local site conditions to include safety shoes and goggles.

**Learning Objectives**

At the end of the training all learners will:

1. Have established their current level of knowledge
2. Understand the manufacture and filling processes of cylinder gases
3. Understand the common properties of all gases with direct safety implications
4. Understand the relationships between Pressure, Volume and Temperature of gases in sealed containers
5. Understand the effects of Oxygen deficient and enriched atmospheres, with particular reference to confined spaces
6. Understand the hazards of compressed Oxygen when exposed to contamination with oil-based substances
7. Know the definition and hazards of pressure, and its relevance to cylinder/hose/pipe construction with special reference to safety relief devices
8. Know how to handle gas cylinders safely and correctly
9. Know the hazards associated with incorrect manual handling of gas cylinders
10. Understand basic Risk Assessment and Safe Systems of Work procedures
11. Know how to identify cylinder gases correctly
12. Understand the basic requirements for safe storage and transport of gas cylinders
13. Be able to carry out safe and thorough leak detection
14. Understand gas equipment date marking
15. Know the correct Personal Protective Equipment to wear
16. Be able to undertake a safety assessment of their work area before use
17. Be able to perform regulator before use checks and fit/remove a regulator to/from a cylinder