

## SFHGEN82 - SQA Code HD34 04

### Check, connect and disconnect medical gas cylinders and outlets



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#### Overview

This standard covers connecting and disconnecting medical gas cylinders to other medical devices safely and is carried out by a person within a healthcare setting.

Users of this standard will need to ensure that practice reflects up to date information and policies.

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### Performance criteria

- You must be able to:*
- P1 follow all health and safety procedures correctly
  - P2 routinely check cylinders that are in use for:
    - P2.1 fill status
    - P2.2 leakage
    - P2.3 date of currency
    - P2.4 correct positioning and temperatures
  - P3 exchange cylinders:
    - P3.1 when low levels are indicated on gauges
    - P3.2 when requested to do so
    - P3.3 checking that you are exchanging for the same medical gas
    - P3.4 using correct procedures and equipment for manual handling of cylinders
  - P4 ensure there is no gas escaping when disconnecting flow meters/regulators
  - P5 reconnect cylinders to flow meters/regulators using correct valve assemblies and seals
  - P6 ensure pressure gauges are in working order and recording appropriate level of content within the cylinder
  - P7 fully complete any records required by the organisation for this procedure
  - P8 report any defective cylinders, pipe work or gauges and label accordingly

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### Knowledge and understanding

*You need to know and understand:*

- K1 the current legislative health and safety policy in relation to medical gas cylinder safety guidance
- K2 your organisational health and safety policy for manual handling
- K3 your organisations your organisational procedure for medical gases
- K4 how and where to store medical gas cylinders safely and why this is important
- K5 the colour coding and symbols on medical gas cylinders
- K6 the different types of valve assemblies and seals and how they are connected
- K7 flowmeter/regulator gauge readings and how these relate to cylinder content levels
- K8 the potential danger with high pressure gas cylinders of explosion if in contact with oil, grease and creams when handling cylinders
- K9 the procedure for reporting any leaking or damaged medical gas cylinders and associated equipment

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### Additional Information

#### External Links

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: HWB5 Provision of care to meet health and wellbeing needs

The candidate and assessor must only sign below when all Performance Criteria and Knowledge points have been met.

**Unit assessed as being complete**

<b>Candidate's Name:</b>	
<b>Candidate's Signature:</b>	
<b>Date submitted to assessor as complete:</b>	

<b>Assessor's Name:</b>	
<b>Assessor's Signature:</b>	
<b>Date assessed as complete:</b>	

**Internal Verification —**

to be completed in accordance with centre's IV strategy

<b>Evidence for this Unit was sampled on the following date/s:</b>	<b>IV's Signature</b>	<b>IV's Name</b>

This Unit has been subject to an admin check in keeping with the centre's IV strategy.

<b>Date of admin check</b>	<b>IV's Signature</b>	<b>IV's Name</b>

**Unit completion confirmed**

<b>IV's Name:</b>	
<b>IV's Signature:</b>	
<b>Date complete:</b>	