

## SFHGEN82

### 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

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<b>Original URN</b>	GEN82
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<b>Suite</b>	General Healthcare
<b>Key words</b>	Oxygen, nitrous oxide, carbon dioxide, cylinder booms and wall outlets