



Australian Government

Assessment Requirements for HLTHSS012 Handle medical gases safely

Release: 1

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Modification History

Not applicable.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- prepare, handle and store medical gas cylinders and equipment in accordance with organisational procedures on three separate occasions in the workplace or simulation and should include:
 - preparation and inspections of a:
 - cylinder
 - flowmeter
 - regulator
 - wall outlets
 - fitting auxiliary equipment including:
 - flowmeters
 - hose assemblies
- identify at least two critical hazards associated with medical gas and outline risk management plans or organisational procedures for reporting and control of the hazard in the workplace or simulated environment.

Knowledge Evidence

Demonstrate knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- relevant industry standards and legislation for storage and handling of gases in cylinders
- organisational procedures and policies relating to:
 - training and authorisation of personnel
 - storage and handling of gases in cylinders
 - reporting faults or damage to cylinders
 - security of storage areas
 - wearing of personal protective equipment
- potential risks and hazards to gas equipment use and associated precautions and workplace health and safety (WHS) requirements
- manufacturer instructions
- emergency response procedures

- transportation requirements and equipment
- principles and purpose of medical gas components including:
 - cylinders:
 - different gases and colour coding
 - cylinder valves and 'pin index locating system'
 - combinations such as cylinder and reg built in system
 - correct storage and restraint
 - stock management
 - regulators:
 - preparation and inspections of:
 - regulator
 - seals
 - yoke and pin indexes
 - safety requirements regarding:
 - fitting of regulator to cylinder valve
 - flowmeters:
 - preparation and inspections of:
 - seals
 - handwheel and sleeve index systems
 - safety requirements regarding:
 - fitting flowmeter to regulator
 - turning on cylinder and testing Flowmeter
 - multi flow regulators and regulator and flowmeter combination
 - preparation and inspections of:
 - flow regulator
 - seals preparation and inspections
 - yoke and pin Indexes
 - safety requirements regarding:
 - fitting regulator to cylinder valve
 - turning on cylinder and testing device
 - wall outlets:
 - preparation and inspections of:
 - auxiliary equipment including flowmeters and hose assemblies
 - seals
 - safety requirements regarding:
 - fitting auxiliary equipment including flowmeters and hose assemblies.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment as specified in the performance evidence.

Assessment must ensure access to:

- use of suitable facilities, equipment and resources that reflect real working conditions and model industry operating conditions and contingencies
- manufacturer instructions
- medical gas equipment
- emergency and personal protective equipment (PPE)
- work sheets
- a trained and authorised supervisor.

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>