



Australian Government

Assessment Requirements for HLTANA005 Maintain quality and supply of anaesthetic equipment and consumables

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in <i>HLT Health Training Package release 2.0</i> and meets the requirements of the 2012 Standards for Training Packages. Merged HLTAN408/HLTAN506. Significant changes to the elements and performance criteria. New evidence requirements for assessment, including volume and frequency requirements. Significant change to knowledge evidence.

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- followed legislation, industry standards & code of practice, manufacturer's guidelines and organisation procedures to maintain the standard and supply of anaesthetic equipment and supplies for at least one facility, including:
 - routine cleaning and care
 - planned maintenance and servicing
 - arranging repairs
 - testing for functionality and safety, including ANZCA level 2 and level 3 check of the anaesthetic machine
- provided in service training on at least one piece of equipment
- evaluated one piece of equipment

Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- types of anaesthetic equipment and consumables required:
 - medications, forms and other consumables
 - anaesthetic airway, breathing, infusion monitoring devices

- emergency equipment
- non-disposable equipment
- areas that require anaesthesia related equipment and consumables:
 - anaesthetic and emergency trolleys
 - induction room and/or store rooms
 - anaesthetic machines
- set-up & safety checks, principles & limitation of operation, features/functions and safe use of anaesthetic and monitoring equipment, including their service schedule, storage, disassembly and cleaning requirements, including:
 - anaesthetic machine and components, including:
 - alarms and measurement devices
 - suction and scavenger
 - ventilator
 - bulk and local gas supply equipment
 - vaporisers
 - breathing systems/circuits and attachments
 - airway and breathing equipment including:
 - fiberoptic, video and other intubation aids
 - consumables
 - breathing circuits and portable ventilators
 - invasive and non-invasive monitoring equipment
 - emergency equipment
 - thermoregulation equipment
 - infusion and rapid infusion equipment
 - tourniquets and exsanguinators
 - antithromboembolic
 - diathermy
- routine problems that occur with different types of equipment and how to rectify within own scope
- principles of physics and measurement as it relates to anaesthetic practice, including:
 - thermodynamics
 - gas laws
 - fluid dynamics
 - potentiometry
 - optics
 - transducers
 - vaporisation
 - ultrasound
- basic electronic components and their function

- legal and ethical considerations (national, state/territory) for management of equipment and consumables, and how these are applied in organisations:
 - codes of practice
 - duty of care
 - infection prevention and control
 - records management
 - rights and responsibilities of workers and employers
 - work role boundaries – responsibilities and limitations
 - work health and safety (WHS):
 - electrical safety requirements for equipment
 - gas safety

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, modelling of industry operating conditions, including presence of situations requiring problem solving in non-routine situations

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency 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>