



Australian Government

Assessment Requirements for HLTANA012 Maintain quality and supply of anaesthetic equipment and consumables

Release: 1

Assessment Requirements for HLTANA012 Maintain quality and supply of anaesthetic equipment and consumables

Modification History

Supersedes and is not equivalent to HLTANA005 Maintain quality and supply of anaesthetic equipment and consumables.

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:

- follow legislation, industry standards and code of practice, manufacturers' guidelines and organisational policies and procedures to maintain the standard and supply of anaesthetic equipment and supplies for at least one facility, including:
 - routine cleaning and care
 - arranging repairs
 - testing for functionality and safety, including ANZCA level 2 and level 3 check of the anaesthetic machine
 - equipment decontamination.

Knowledge Evidence

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

- national, state or territory legal and ethical considerations 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 including responsibilities and limitations
 - work health and safety (WHS):
 - electrical safety requirements for equipment
 - gas safety
 - laser safety
 - radiation safety
- types of anaesthetic equipment and consumables required:
 - medications, forms and other consumables
 - anaesthetic airway, breathing, infusion monitoring devices

- emergency equipment
- scavenge systems
- non-disposable equipment
- operating room air change and pollution standards
- areas that require anaesthesia related equipment and consumables:
 - anaesthetic and emergency trolleys
 - induction room and storerooms
 - anaesthetic machines
- procedures for set-up and safety checks, principles and 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 scavenge systems
 - ventilator
 - bulk and local gas supply equipment including pipeline and cylinders
 - vaporisers
 - breathing systems, circuits and attachments
 - airway and breathing equipment including:
 - fiberoptic, video and other intubation adjuncts
 - consumables
 - breathing circuits and portable ventilators
 - invasive and non-invasive monitoring equipment
 - emergency equipment
 - associated anaesthetic equipment:
 - thermoregulation equipment
 - infusion and rapid infusion equipment
 - anti-thromboembolic device
 - ultrasound
- routine problems that occur with different types of equipment and how to rectify within scope of own role
- 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.

Assessment Conditions

Skills must be demonstrated in the workplace or in a simulated environment that reflects workplace conditions.

Assessment must ensure access to:

- 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' 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>