



Australian Government

**Assessment Requirements for SISCAQU022
Provide oxygen resuscitation and therapy in
an aquatic environment**

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:

- perform the following in line with Australian Resuscitation Council (ARC) guidelines:
 - manage one unconscious, breathing casualty, including appropriate positioning to reduce the risk of airway compromise
 - manage two unconscious non-breathing casualties, one adult and one child, on separate occasions, including:
 - performing at least 2 minutes of uninterrupted single rescuer cardio pulmonary resuscitation (CPR) (5 cycles of both compressions and ventilations) on both an adult and child resuscitation manikin placed on the floor
 - performing at least 2 minutes of bag-valve-mask (with oxygen) ventilation and at least 2 minutes of compression during resuscitation procedures involving at least two rescuers on both an adult and child resuscitation manikin placed on the floor
 - responding appropriately using positioning and manual clearing techniques in the event of regurgitation or vomiting
 - demonstrating a rotation of operators with minimal interruptions to compressions
 - managing oxygen equipment appropriately
 - handing over to emergency services personnel
 - manage one conscious casualty who requires supplemental oxygen, including:
 - assessing level of consciousness, and vital signs of respiration and pulse
 - selecting and preparing appropriate oxygen equipment
 - checking area for ventilation and sources of ignition
 - administering oxygen safely at correct flow rate
 - managing an equipment malfunction
- participate in one incident debrief and complete an incident report
- complete each of the following tasks on at least one occasion to maintain oxygen equipment:
 - dismantling
 - discarding disposal components
 - cleaning and decontamination
 - checking and diagnosing faults
 - storage.

Knowledge Evidence

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

- organisational procedures for emergency response, incident debriefing and record keeping
- the nature of aquatic venues and how this may impact on the provision of oxygen resuscitation and therapy
- how to contact emergency services including organisational chain of command procedures
- guidelines and procedures:
 - ARC guidelines for managing the unconscious breathing and non-breathing casualty and provision of CPR and oxygen therapy
 - potential incident hazards and risk minimisation processes when providing supplemental oxygen via positive pressure delivery system
 - infection control procedures, including use of standard precautions and resuscitation barrier devices
 - safe work practices to deal with oxygen cylinders, regulators and associated equipment
 - workplace or site procedures relevant to the provision of oxygen
 - requirements for currency of skill and knowledge
- legal considerations for administration of oxygen:
 - the Rights of Medication
 - the responsibilities of the first aider
- considerations when providing resuscitation:
 - upper airway and effect of positional change
 - appropriate duration and cessation of CPR
 - chain of survival, particularly for drownings
- techniques for providing CPR to adults, children and infants:
 - how to recognise that a casualty is unconscious and not breathing normally
 - rate, ratio and depth of compressions and ventilations
 - correct hand positioning for compressions
 - basic anatomy, physiology and the difference between adults, children and infants relating to CPR
- assessment and interpretation of vital signs including normal clinical values for respirations and pulse
- assessment of level of consciousness
- considerations when providing oxygen to a casualty in an aquatic environment:
 - circumstances and conditions where oxygen is beneficial
 - circumstances and complications associated with providing oxygen
 - complications with the use of bag-valve-mask device and suitable strategies to minimise these
 - selection and operation of oxygen masks and other oxygen therapy devices
- methods of cleaning, replenishing and maintaining oxygen equipment:
 - actions to rectify problems

- procedures to ensure operational readiness as per manufacturer guidelines and organisational procedures
- storage, cleaning, decontamination, and safe disposal of consumables
- troubleshooting to identify minor and major faults.

Assessment Conditions

Skills can be demonstrated in:

- an aquatic workplace, or
- a simulated industry environment set up for the purposes of skills assessment.

Assessments can only be completed through simulated activities. Simulations must incorporate:

- time critical requirements
- in-depth environmental and casualty scenarios.

Assessment must ensure use of:

- adult and child resuscitation manikins
- bag-valve-mask
- oxygen resuscitation system with oxygen cylinder and regulator, masks and tubes
- personal protection equipment
- template incident report forms
- ARC guidelines
- organisational procedures for emergency response, incident debriefing and recordkeeping.

Assessors must:

- satisfy the Standards for Registered Training Organisations' requirements for assessors, and
- hold a qualification or Statement of Attainment which includes this unit, or demonstrate equivalent skills and knowledge to those contained within this unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>