



**Australian Government**

**Assessment Requirements for SISCAQU018  
Operate self-contained breathing apparatus  
in aquatic facility emergencies**

**Release: 1**

# Assessment Requirements for SISCAQU018 Operate self-contained breathing apparatus in aquatic facility emergencies

## 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:

- follow manufacturer instructions to complete:
  - one periodic safety and serviceability check on self-contained breathing apparatus
  - one minor non-specialist repair on self-contained breathing apparatus
- for each check and repair task above, complete accurate records
- participate in two simulated emergency incidents involving the release of chlorine gas, following safety and emergency response procedures
- for each incident above:
  - identify, assess and respond to the gas release circumstance
  - utilise a self-contained breathing apparatus
  - dismantle and clean apparatus
  - participate in a debrief and complete an incident report.

## Knowledge Evidence

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

- organisational work health and safety (WHS) and emergency response procedures for chlorine gas release
- for chlorine gas:
  - atmospheric conditions and how they can affect chlorine gas cylinders
  - causes of chlorine gas emergencies in aquatic facilities
  - properties of gas release, including visual appearance and odour
  - dangers to health, and symptoms of exposure to chlorine gas
  - emergency response actions, and communication protocols when gas is released
  - how to isolate chlorine gas equipment
- for self-contained breathing apparatus:
  - the main components:
    - backpack and harness
    - air cylinder
    - regulator

- face piece
- operational features and functions of each component, and how to assemble, use and disassemble the apparatus
- safety and serviceability checks completed on each component
- schedules for periodic inspection and maintenance
- common types of minor, non-specialist repairs, and tools and methods used to complete these
- methods used to clean apparatus and types of cleaning agents used
- formats and inclusions of:
  - manufacturer instructions for repair and maintenance of self-contained breathing apparatus
  - repair and maintenance records and fault tags
  - incident reports.

## Assessment Conditions

Skills must be demonstrated in a public aquatic facility with an operating pool and chlorine gas system. Facilities can include those operated by commercial, not-for-profit, community and government organisations.

The following resources must be available to replicate industry conditions of operation:

- first aid equipment
- communication equipment for emergency response.

Assessment of participation in emergency incidents can only be completed through simulated activities. Simulations must incorporate time critical requirements.

Assessment must ensure use of:

- chlorine gas system equipment
- self-contained breathing apparatus, inclusive of air cylinder and regulator
- manufacturer instructions for repair and maintenance of self-contained breathing apparatus
- template:
  - repair and maintenance records and fault tags
  - incident reports
- organisational work health and safety and emergency response procedures for chlorine gas release.

Assessors must:

- satisfy the Standards for Registered Training Organisations requirements for assessors, and
- have workplace experience where they have applied the skills and knowledge covered in this unit of competency over a period of two years in industry.

## **Links**

Companion Volume implementation guides are found in VETNet -

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