



Australian Government

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

Release: 1

SISCAQU018 Operate self-contained breathing apparatus in aquatic facility emergencies

Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to operate a self-contained breathing apparatus (SCBA) under emergency conditions in an aquatic facility. It covers skills for completing periodic SCBA checks and minor repairs to ensure the apparatus is readily available when required. It requires the ability to respond to chlorine gas emergencies.

This unit applies to public aquatic facilities where chlorine gas is used. It applies to senior technical and operational staff who work independently or with limited guidance from others, taking responsibility for their own work functions and outputs.

The skills in this unit must be applied in accordance with Commonwealth and State or Territory legislation, Australian standards and industry codes of practice.

The Western Australian Code of Practice for the Design, Construction, Operation, Management and Maintenance of Aquatic Facilities requires technical operators working in Group 1 aquatic facilities to be certified in this unit of competency.

No other occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Aquatics

Unit Sector

Community Recreation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1. Maintain

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1. Interpret manufacturer guidelines to determine repair and

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| self-contained breathing apparatus. | maintenance requirements for self-contained breathing apparatus. |
| | 1.2. Complete periodic safety and serviceability checks on apparatus according to manufacturer instructions. |
| | 1.3. Complete leak detection and withdrawal warning alarm tests according to manufacturer instructions. |
| | 1.4. Complete minor repairs to faulty equipment and replace defective parts according to manufacturer instructions. |
| | 1.5. Complete repair and maintenance records according to organisational procedures. |
| 2. Use self-contained breathing apparatus. | 2.1. Identify emergencies requiring use of self-contained breathing apparatus. |
| | 2.2. Assemble component parts of apparatus and promptly complete operational checks. |
| | 2.3. Fit and adjust apparatus to ensure comfort and safety. |
| | 2.4. Operate apparatus during emergency incidents according to manufacturer instructions and organisational work health and safety (WHS) procedures. |
| | 2.5. Monitor air supply by checking gauges regularly throughout emergency activities. |
| 3. Respond to chlorine gas emergency. | 3.1. Communicate initial assessment of emergency to appropriate personnel and determine required response. |
| | 3.2. Isolate chlorine gas equipment and notify emergency personnel according to organisational emergency response procedures. |
| 4. Maintain and store self-contained breathing apparatus after use. | 4.1. Dismantle apparatus and clean all components according to manufacturer instructions to maintain serviceable condition and prolonged lifespan. |
| | 4.2. Store apparatus to allow efficient access for next use. |
| | 4.3. Tag, isolate and report faulty apparatus according to organisational procedures. |
| 5. Debrief and complete reports. | 5.1. Participate in incident management debrief and identify future response improvements. |
| | 5.2. Complete required incident reports according to organisational procedures. |

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS

DESCRIPTION

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| Reading skills to: | <ul style="list-style-type: none">• interpret potentially unfamiliar and detailed manufacturer instructions for the use, repair and maintenance of self-contained breathing apparatus. |
| Writing skills to: | <ul style="list-style-type: none">• use fundamental sentence structure to complete basic repair and maintenance forms and reports that require factual information• record detailed and accurate factual information about emergency responses. |
| Numeracy skills to: | <ul style="list-style-type: none">• interpret and record numerical information from gauges and meters involving volume and pressure. |
| Self-management skills to: | <ul style="list-style-type: none">• critically analyse all circumstances and implications to provide a prompt and considered emergency response. |

Unit Mapping Information

Supersedes and is not equivalent to SISCAQU014 Operate self-contained breathing apparatus in an aquatic facility.

Links

Companion Volume implementation guides are found in VETNet -

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