



Australian Government

SISCAQU014 Operate self-contained breathing apparatus in an aquatic facility

Release: 1

SISCAQU014 Operate self-contained breathing apparatus in an aquatic facility

Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to identify and respond to emergency situations requiring the use of self-contained breathing apparatus (SCBA).

This unit applies to those working at aquatic facilities where chlorine gas is used. The Australian and New Zealand Safety Standard 2927 requires a SCBA to be kept at any public swimming pool or public place where chlorine is stored or used. The Western Australian Code of Practice for the Design, Construction, Operation, Management and Maintenance of Aquatic Facilities imposes conditions on Pool Operators of Group 1 Swimming Pools to hold this Unit of Competence.

With regard to other states and territories, no licensing, regulatory or certification 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. Identify and evaluate emergency situations.

PERFORMANCE CRITERIA

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

- 1.1 Identify emergencies requiring the use of self-contained breathing apparatus.
- 1.2 Communicate initial assessment of emergency to appropriate personnel and determine an appropriate response.

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| 2. Use self-contained breathing apparatus. | 2.1 Check self-contained breathing apparatus unit is operational. |
| | 2.2 Fit and operate self-contained breathing apparatus unit according to manufacturer instructions. |
| | 2.3 Connect chlorine gas regulator to cylinder or drum installation. |
| | 2.4 Perform leak detection test on chlorine gas regulator. |
| | 2.5 Record and report details of routine maintenance. |
| | 2.6 Isolate chlorine gas equipment in an emergency situation and notify emergency personnel in line with organisational requirements. |
| 3. Check and maintain self-contained breathing apparatus. | 3.1 Check self-contained breathing apparatus unit, report faults and take corrective action when required. |
| | 3.2 Clear and store the self-contained breathing apparatus unit after use if no maintenance action required. |
| | 3.3 Remove, replace or repair faulty equipment and defective parts according to manufacturer instructions and scope of responsibility. |
| 4. Complete post-emergency responsibilities. | 4.1 Record and report details of emergency incident according to organisational procedures. |
| | 4.2 Evaluate emergency procedures and recommend any changes required to improve response. |

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
Reading skills to:	interpret technical documents such as manufacturer instructions for the use, care and maintenance of self-contained breathing apparatus units.
Numeracy skills to:	determine air supply limits of self-contained breathing apparatus units.

Unit Mapping Information

SISCAQU417A 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>

Assessment Requirements for SISCAQU014 Operate self-contained breathing apparatus in an aquatic facility

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:

- identify, evaluate and respond to chlorine gas system operations and emergencies requiring the use of self-contained breathing apparatus according to legislative and organisational requirements on at least two occasions.

Knowledge Evidence

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

- legislation and organisational policies and procedures:
 - work health and safety/occupational health and safety
 - codes of practice
 - use and care of equipment
 - communication protocols
 - safety, rescue and emergency procedures
 - incident reporting
 - appropriate responses to potential risk
- safe use, care and routine maintenance of chlorine gas equipment
- properties of chlorine gas
- atmospheric conditions and how they can affect chlorine gas cylinders
- responses to emergency situations involving the release of chlorine gas
- how to use a self-contained breathing apparatus.

Assessment Conditions

Skills must be demonstrated in:

- a workplace or simulated aquatic facility where chlorine gas is used.

Assessment must ensure use of:

- chlorine gas system
- a self-contained breathing apparatus

- organisational policies and procedures for risk management
- incident and maintenance reporting documentation.

Assessment must ensure access to:

- first aid facilities and equipment.

Assessment activities that allow the individual to:

- respond to emergency situations in industry required timeframes.

Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors.

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