



Australian Government

SISCAQU001 Test pool water quality

Release: 1

SISCAQU001 Test pool water quality

Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to conduct pool water tests, record test results and make visual ongoing checks.

This unit applies to those working as pool attendants or aquatic operators in aquatic environments, such as council or commercially operated aquatic and leisure centres. Work is performed according to public health regulatory requirements, organisational policies and procedures, and relevant legislation.

Work may be carried out under supervision or with some autonomy, depending on the individual situation and job role.

No 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

PERFORMANCE CRITERIA

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

1. Conduct pool water tests.
 - 1.1 Complete routine pool water tests according to public health regulatory requirements.
 - 1.2 Interpret test results and compare with public health regulatory requirements.
 - 1.3 Identify and report pool water test irregularities to appropriate personnel for corrective action.
 - 1.4 Respond to contamination incidents within scope of own role.
 - 1.5 Conduct regular sample collection and initiate corrective actions as required.
 - 1.6 Perform regular visual checks of pool water quality, identify issues and initiate corrective actions when required.
2. Record test results.
 - 2.1 Record pool water test results accurately.
 - 2.2 Update swimming pool log according to aquatic facility specifications.

Foundation Skills

Foundation skills essential to performance in this unit are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

SISCAQU201A Monitor pool water quality

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 SISCAQU001 Test pool water quality

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:

- test pool water for the following on a minimum of four separate occasions:
 - free chlorine and/or total bromine
 - total chlorine
 - combined chlorine
 - pH
 - total alkalinity
 - cyanuric acid
 - calcium hardness
 - total hardness
 - temperature
- perform routine visual checks for pool water quality.

Knowledge Evidence

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

- legislation and organisational policies and procedures:
 - public health regulatory requirements in the local area
 - health acts
 - infectious diseases regulations
 - dangerous goods act and regulations
 - work health and safety/occupational health and safety
 - environmental legislation
 - local government regulation
 - roles, responsibilities and limitations of own role
- pool water chemistry terms and their meaning:
 - pH levels
 - alkalinity
 - chlorine and or bromine
 - temperature

- calcium hardness
- types of pool water tests, their purpose and testing procedures
- visual checks made by pool attendants
- equipment and resources used for testing pool water quality
- responses to contamination incidents.

Assessment Conditions

Skills must be demonstrated in:

- a workplace or simulated aquatic facility with an operating pool.

Assessment must ensure use of:

- pool water testing apparatus
- public health regulatory documentation
- organisational policies and procedures.

Assessment activities that allow the individual to:

- conduct regular pool water tests within industry realistic timeframes.

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

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