



Australian Government

SISCAQU003 Maintain aquatic facility plant and equipment

Release: 1

SISCAQU003 Maintain aquatic facility plant and equipment

Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to make routine checks and complete minor maintenance on aquatic facility plant and equipment.

This unit applies to those working as aquatic operators in various 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 degree of autonomy, depending on 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

1. Make routine plant and equipment checks.

PERFORMANCE CRITERIA

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

- 1.1 Inspect plant and equipment according to required schedule.
- 1.2 Conduct safety checks according to manufacturer instructions and safety requirements and local regulation.
- 1.3 Interpret and accurately record results of routine equipment tests.
- 1.4 Document the condition of plant and equipment.
- 1.5 Identify faults and irregularities and report to appropriate

personnel.

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| 2. Complete minor maintenance and repairs. | 2.1 Interpret and follow maintenance schedules for plant and equipment. |
| | 2.2 Identify and select tools and other resources needed to complete work. |
| | 2.3 Make work area safe and erect signs and barriers as required. |
| | 2.4 Remove, replace and repair faulty and defective equipment or consumables, within designated responsibility. |
| | 2.5 Report faults outside scope of own expertise to appropriate personnel. |
| 3. Record and report maintenance and repair activities. | 3.1 Record repairs and maintenance activities in required format. |
| | 3.2 Notify appropriate personnel of faults rectified. |

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 information in equipment manuals.

Unit Mapping Information

No equivalent unit.

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 SISCAQU003 Maintain aquatic facility plant and equipment

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:

- make routine inspections and complete minor maintenance of the following aquatic facility plant and equipment on a minimum of two occasions according to organisation and local regulatory requirements:
 - circulation plant
 - heating, lighting and ventilation systems
 - power supply and circuits
 - water supply and drainage systems
 - electronic and mechanical operations
 - circuit breakers
 - batteries and fuses
 - electrical hazards.

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
 - 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
- organisational policies and procedures for:
 - incident reporting
 - use and care of equipment
 - communication protocols
 - risk management

- accurate reporting of faults and irregularities
- timely repair of faulty and defective equipment within designated responsibility
- reporting lines
- public health and safety implications of unmaintained equipment in aquatic facilities
- types of equipment used in aquatic facilities and procedures for:
 - backwash
 - filtration
 - isolation
- resources required for the maintenance and management of aquatic facility plant and equipment and procedures for their safe use:
 - cleaning materials and equipment
 - hand tools
 - record keeping materials
 - spare parts
- safety apparatus used for particular types of aquatic facility equipment and its operation.

Assessment Conditions

Skills must be demonstrated in:

- a workplace or simulated aquatic facility.

Assessment must ensure use of:

- aquatic plant, equipment and consumables as specified in the Performance Evidence
- resources to maintain facility and equipment
- organisational policies and procedures
- repairs and maintenance documentation.

Assessment activities that allow the individual to:

- complete inspections, maintenance and repair activities within workplace time constraints.

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

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