



Australian Government

Department of Education, Employment and Workplace Relations

SISCAQU303A Operate aquatic facility plant and equipment

Release: 2

SISCAQU303A Operate aquatic facility plant and equipment

Modification History

Not Applicable

Unit Descriptor

This unit describes the performance outcomes, skills and knowledge required to safely operate an aquatic facility plant and equipment.

Application of the Unit

This unit applies to those working as aquatic operators in various aquatic environments, such as council or commercially operated aquatic and leisure centres. Work may be carried out under supervision or with some degree of autonomy, depending on individual situation and job role.

Licensing/Regulatory Information

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of endorsement.

Pre-Requisites

Nil

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements and Performance Criteria

LEMENT

Elements describe the essential outcomes of a Unit of Competency.

1. Conduct routine checks.
2. Maintain and manage aquatic facility plant and equipment.
3. Initiate corrective action.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge section and the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

- 1.1. Perform routine inspections of *aquatic facility plant and equipment* according to *public health regulatory requirements*.
- 1.2. Conduct *routine checks of electrical and plumbing appliances* according to *organisational policies and procedures* and *relevant legislation*.
- 2.1. Carry out routine maintenance of aquatic facility plant and equipment using appropriate *resources* according to manufacturer's guidelines and organisational policies and procedures.
- 2.2. Monitor use and condition of equipment and facility according to established routines and procedures.
- 2.3. Record equipment and facility use and document any conditions that require further action according to organisational policies and procedures.
- 2.4. Isolate and report faults and irregularities according to organisational policies and procedures.
- 3.1. Remove, replace and repair faulty and defective equipment or facilities, within designated responsibility and according to manufacturer's guidelines and organisational policies and procedures.
- 3.2. Notify aquatic facility or service personnel of faults and any corrective actions initiated.
- 3.3. Record action taken according to organisational policies and procedures and public health regulatory requirements.

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

- communication skills to:
 - report irregularities and faults to aquatic facility or service personnel
 - initiate corrective action
- problem-solving skills to:
 - conduct routine checks of aquatic facility plant, equipment and electrical and plumbing appliances
 - identify irregularities, defects and faults in equipment and or facility
 - respond to common maintenance problems
- planning and organisational skills to:
 - select resources to assist in the maintenance of aquatic facility plant and equipment
 - carry out checks of equipment and facility
- literacy skills to:
 - record equipment and facility use
 - document conditions and irregularities
 - record action taken
- first aid skills and treatment procedures related to plant and equipment accidents.

Required knowledge

- legislation and organisational policies and procedures that enable:
 - safe monitoring and maintenance of plant and equipment
 - accurate reporting of faults and irregularities
 - timely repair of faulty and defective equipment within designated responsibility
- public health regulatory requirements to:
 - conduct routine inspections of plant and equipment
 - record corrective action taken
- organisational reporting lines and appropriate service personnel to notify regarding faults and irregularities
- resources required for the maintenance and management of aquatic facility plant and equipment.

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, Range Statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- conducts thorough routine inspections of aquatic facility plant, equipment, and electrical and plumbing appliances to ensure safety and health of public
- identifies faults and irregularities of plant and equipment and initiates corrective action according to organisational policies and procedures and manufacturer's specifications
- monitors and records use and condition of facility and equipment
- documents and reports faults and irregularities to aquatic facility or service personnel and documents corrective action initiated.

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:

- a suitable first aid qualification.

Context of and specific resources for assessment

Assessment must ensure the safe and timely operation of aquatic facility plant and equipment on sufficient occasions to demonstrate competency and consistency of performance.

Assessment must also ensure access to:

- an aquatic facility plant and equipment
- resources to maintain facility and equipment and keep records
- public health regulatory requirements, relevant legislation and organisational policies and procedures.

Method of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- observation of the candidate inspecting and maintaining aquatic facility plant and equipment
- oral or written questioning to assess knowledge of procedures for plant and equipment operation
- portfolio of candidate's written records and

documentation detailing facility and equipment irregularities and action taken

- third-party reports from a supervisor detailing candidate's performance.

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:

- SISCAQU305A Implement aquatic facility plant and equipment maintenance program

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Aquatic facility plant and equipment may include:

- circulation plant
- heating, lighting and ventilation systems
- electrical control units
- electrical appliances
- self-contained breathing apparatus.

Public health regulatory requirements may include:

- health and poisons acts
- infectious diseases regulations
- dangerous goods act and regulations
- metropolitan water supply, sewerage and drainage by-laws
- environment legislation
- local government regulations.

Routine checks of electrical and plumbing appliances may include:

- power supply and circuits
- water supply and drainage systems
- electronic and mechanical operation
- circuit breakers
- batteries and fuses
- electrical hazards
- water supply faults
- water related hazards.

Organisational policies and procedures may include:

- occupational health and safety
- chemical handling procedures
- backwash procedures
- filtration processes
- isolation procedures
- communication protocols
- use and maintenance of resources
- reporting and record keeping.

Relevant legislation may include:

- occupational health and safety
- infectious diseases regulations
- relevant dangerous goods act and regulations
- metropolitan water supply, sewerage and drainage by-laws
- relevant environment legislation

Resources may include:

- local government regulations.
- cleaning materials and equipment
- hand tools
- record keeping materials
- spare parts.

Unit Sector(s)

Community Recreation

Competency Field

Aquatics