



Australian Government

SISCAQU005 Develop and implement aquatic facility maintenance procedures

Release: 1

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Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to develop, implement and evaluate maintenance schedules for an aquatic recreation facility.

This unit applies to those working autonomously at aquatic leisure centres or community pools in roles such as program coordinators, swim school coordinators, recreation coordinators or duty managers. Work is performed according to relevant legislation, organisational policies and procedures.

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. Plan maintenance procedures.

PERFORMANCE CRITERIA

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

- 1.1 Evaluate operational maintenance needs according to regulatory and business requirements.
- 1.2 Document uses and condition of the aquatic facility plant and equipment and identify priorities for action.
- 1.3 Identify potential sources of increased efficiency of the aquatic facility plant and equipment.
- 1.4 Identify human, physical and financial resources associated with needed maintenance of aquatic facility.

- 1.5 Integrate maintenance program with asset acquisition and disposal plans.
 - 1.6 Schedule maintenance activities to minimise disruption to facility users and ensure that supplies are available.
 - 1.7 Confirm, document and communicate maintenance procedures and costs according to organisational approval protocols.
2. Implement maintenance procedures.
 - 2.1 Monitor completion of inspection and maintenance schedules.
 - 2.2 Identify and assess failed or unsafe aquatic facility plant and equipment and determine underlying cause within scope of own role.
 - 2.3 Identify and evaluate emergency situations and respond according to local regulatory and organisational procedures.
 - 2.4 Remove defective equipment and/or facilities from operation and complete repairs within designated responsibility.
 - 2.5 Arrange for required repairs to be carried out by qualified and/or licensed contractors and record actions taken.
 - 2.6 Monitor maintenance records and take corrective action as required.
 - 2.7 Communicate maintenance actions to appropriate staff or personnel.
3. Evaluate maintenance procedures.
 - 3.1 Assess the effectiveness of maintenance systems against short and long-term maintenance requirements.
 - 3.2 Identify and use alternative maintenance methods to maintain cost effectiveness.
 - 3.3 Document and communicate improvements and changes to maintenance systems.

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 content of regulatory requirements.

Unit Mapping Information

SISCAQU415A Develop aquatic facility maintenance procedures

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 SISCAQU005 Develop and implement aquatic facility maintenance procedures

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:

- develop and document maintenance procedures for at least one aquatic facility, incorporating consideration of:
 - circulation plant
 - heating systems
 - lighting or ventilation systems
 - disinfection systems
 - required supplies
 - servicing and repair
 - equipment replacement/redundancy
- implement and evaluate maintenance procedures for at least one aquatic facility.

Knowledge Evidence

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

- legislation and industry standards relevant to aquatic facility maintenance:
 - work health and safety/occupational health and safety
 - dangerous goods act and regulations
 - local government regulations
 - building codes and regulations
- organisational policies and procedures:
 - standard operating conditions and levels
 - work health and safety/occupational health and safety
 - risk assessment and control
 - handling of hazardous chemicals
 - emergency evacuation
- factors affecting the operating cost of an aquatic facility:
 - faulty operation
 - cleaning requirements
 - consumables

- replacements (whole or part)
- servicing and repair
- utility costs
- staff costs
- contractor costs
- plant and equipment manufacturer specifications in relation to operation, servicing and repair of:
 - circulation plant
 - heating systems
 - lighting and ventilation systems
 - disinfection systems
 - supplies
- emergency situations that can occur with plant and equipment, and how to respond
- project management techniques:
 - planning and scheduling
 - consultation and communication
 - evaluation.

Assessment Conditions

Skills must be demonstrated in:

- a workplace or simulated aquatic facility or environment.

Assessment must ensure use of:

- equipment and plant for which the candidate plans maintenance procedures
- organisational policies, procedures and budget
- equipment operating and maintenance instructions
- resources to maintain facility and equipment.

Assessment activities that allow the individual to:

- implement and monitor maintenance activity over time.

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

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