



Australian Government

SFIAQU218 Prepare and use aquatic technology

Release: 1

SFIAQU218 Prepare and use aquatic technology

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to use aquatic technology, which may include equipment and smart or automated systems.

The unit applies to individuals who prepare and operate aquatic technology under the direction of a supervisor.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, food safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Aquaculture (AQU)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to use aquatic technology	1.1 Discuss the use of aquatic technology with supervisor 1.2 Identify aquatic technology requirements for allocated work task 1.3 Access appropriate workplace technology to suit the work task 1.4 Interpret manufacturer specifications of the technology selected, and prepare to operate

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Adjust or calibrate technology to meet workplace requirements
2. Operate aquatic technology	2.1 Use technology for a specific aquatic work task according to workplace health and safety standards and manufacturer specifications 2.2 Follow established workplace biosecurity practices whilst operating technology 2.3 Monitor the function and performance of the technology, and report possible improvements to relevant personnel
3. Complete aquatic work task and conduct equipment or technology shut-down procedures	3.1 Report on performance of technology to relevant personnel 3.2 Clean and maintain technology according to workplace procedures and level of responsibility 3.3 Store equipment or technology in line with workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Identify and interpret relevant manufacturer specifications
Oral communication	Participate in verbal exchanges relating to the use of aquatic technology

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU218 Prepare and use aquatic technology	Not applicable	Unit has been created to address an emerging skill required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>

Assessment Requirements for SFIAQU218 Prepare and use aquatic technology

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 2.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has used aquatic equipment or technology on at least two occasions.

In doing the above, there must also be evidence that the individual has:

- accessed appropriate technology as directed by relevant personnel
- followed workplace biosecurity practices
- observed manufacturer specifications and workplace health and safety standards when operating technology
- cleaned and stored equipment appropriately.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- key theories about the use of technology in aquatic environments
- key purposes of technology in aquatic environments
- the general features and capabilities of aquatic technology, including equipment and smart and automated systems
- relevant manufacturer specifications
- biosecurity contamination concerns and actions to mitigate concerns.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in an aquatic setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - aquatic technology or equipment
- specifications:
 - relevant manufacturer specifications
 - relevant workplace health and safety policies and documents.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>