



Australian Government

**SFIAQU204 Undertake routine
maintenance of water supply and disposal
systems and structures**

Release: 1

SFIAQU204 Undertake routine maintenance of water supply and disposal systems and structures

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to carry out routine maintenance and minor repairs on a water supply and disposal system or structure and its various components. It includes safely shutting down and restarting water supply and disposal system equipment and infrastructure, and replacing or repairing worn or damaged parts, with minimal stress or damage to stock.

The unit applies to individuals who carry out maintenance work in an aquaculture facility under the direction and guidance of a supervisor.

All work must be carried out to comply with workplace procedures, according to state/territory health and 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 for work	1.1 Confirm maintenance schedule or instructions with supervisor 1.2 Collect and check required tools and equipment, including

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	personal protective equipment, for serviceability 1.3 Review and prioritise tasks at the work site against instructions
2. Undertake maintenance and repairs	2.1 Shut down or control water supply, disposal system or structure as instructed, and enable an alternative supply or disposal system before beginning maintenance and repairs 2.2 Service equipment using safe work practices 2.3 Replace or repair worn or damaged parts as instructed by supervisor
3. Follow up maintenance and repair activities	3.1 Return water supply, disposal system or structure to working order 3.2 Measure and record flow rates according to workplace procedures 3.3 Visually inspect water supply and disposal system or structure for non-standard operation, and report observations
4. Finalise and review maintenance and repair activities	4.1 Clean work area and dispose of waste materials safely according to workplace procedures 4.2 Check and store tools and equipment, reporting any identified repair requirements to supervisor 4.3 Record relevant data and observations and report any abnormal records to supervisor

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	<ul style="list-style-type: none"> Interprets workplace procedures and manufacturer guidelines or service manuals
Writing	<ul style="list-style-type: none"> Completes workplace records legibly and accurately
Numeracy	<ul style="list-style-type: none"> Interprets symbols and numbers in maintenance schedules, flow metres and gauges Measures length and depth Calculates volume and flow rate

Skill	Description
Oral communication	<ul style="list-style-type: none">• Asks questions to clarify job requirements• Describes abnormal records to supervisor using correct terminology
Get the work done	<ul style="list-style-type: none">• Makes routine decisions about condition of equipment and structures and water quality

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU204 Undertake routine maintenance of water supply and disposal systems and structures	SFIAQUA211C Undertake routine maintenance of water supply and disposal systems and structures	Updated to meet Standards for Training Packages Minor changes to performance criteria for clarity	Equivalent unit

Links

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