

**Modification history**

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

SFIAQU302	Construct or install stock culture, holding and farm structures
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to carry out construction or installation tasks to stock culture or holding structures or systems and farm structures.</p> <p>The unit applies to individuals who carry out construction or installation tasks in an aquaculture workplace that do not require the employment of qualified tradespersons or the attainment of appropriate licences to meet state/territory and local government requirements.</p> <p>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.</p> <p>No occupational licensing, legislative or certification requirements apply to the unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Aquaculture (AQU)

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 construction or installation	1.1 Receive construction work plan from supervisor and confirm understanding 1.2 Check equipment, tools, personal protective equipment and materials for serviceability 1.3 Perform basic repairs to sub-standard equipment and calibrate equipment according to manufacturer instructions and workplace procedures
2. Undertake construction work	2.1 Complete construction tasks according to work plan according to health and safety work practices 2.2 Seek advice on problems, progress and standards from supervisor 2.3 Check and commission the finished product to ensure it fits design specification and is operable according to work plan and supervisor instructions
3. Complete construction and installation activities	3.1 Clean work area and dispose of waste materials safely according to environmental requirements and workplace procedures 3.2 Check and store tools and equipment, reporting any identified repair requirements to supervisor 3.3 Prepare compliance and other required reports and give to supervisor 3.4 Seek feedback from supervisor on effectiveness of the construction and installation activities

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>• Interpret specifications in construction design or installation work plan</li> <li>• Interpret manufacturer specifications for relevant equipment</li> <li>• Interpret labels and safety signs</li> </ul>
Writing	<ul style="list-style-type: none"> <li>• Complete workplace and compliance forms legibly and accurately using correct technical terminology</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Estimate and measure length, area and volume</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>• Participate in verbal exchanges and ask questions to clarify job requirements and obtain feedback</li> </ul>
Navigate the world of work	<ul style="list-style-type: none"> <li>• Take responsibility for checking own work and work of others within level of authority</li> </ul>
Interact with others	<ul style="list-style-type: none"> <li>• Cooperate and collaborate with others to achieve construction and installation outcomes</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>• Sequence steps and schedule construction activities involved in clearly defined tasks</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
SFIAQU302 Construct or install stock culture, holding and farm structures	SFIAQUA302C Construct or install stock culture, holding and farm structures	Updated to meet Standards for Training Packages	Equivalent Unit

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

<b>TITLE</b>	<b>Assessment requirements for SFIAQU302 Construct or install stock culture, holding and farm structures</b>
--------------	--

**Performance Evidence**

An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has carried out construction or installation tasks for stock culture, holding and farm structures on at least one occasion including:

- communicating with supervisor on construction or installation plan, progress and effectiveness
- preparing the required tools, equipment and materials
- using the required personal protective equipment
- completing at least two of the following construction or installation tasks for stock culture, holding and farm structures:
  - assembly of prefabricated buildings
  - basic cutting and welding (metal and plastic)
  - brickwork and brick laying
  - concrete or masonry work
  - fibreglassing
  - installing fixtures and fittings
  - glass replacement
  - gravel or clay road/track surfacing
  - pipe laying and joining
  - woodworking
- applying correct construction or installation techniques relevant to structure
- following safe work practices in constructing or installing stock culture, holding and farm structures
- checking finished product against design specifications and work plan
- cleaning work area and equipment
- completing compliance reports for supervisor.

**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:

- planning and scheduling techniques for construction and installation
- assembly and construction techniques for stock culture, holding and farm structures
- basic structural design principles and components of specific stock culture, holding and farm structures
- characteristics of construction materials used for stock culture, holding and farm structures
- construction activities that require a licensed tradesperson
- workplace, safety and environmental requirements and procedures relating to constructing stock culture, holding and farm structures.

<b>Assessment Conditions</b>	
<p>Assessment of this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"><li>• physical conditions:<ul style="list-style-type: none"><li>• skills must be demonstrated in an aquaculture workplace or an environment that accurately represents workplace conditions</li></ul></li><li>• resources, equipment and materials:<ul style="list-style-type: none"><li>• tools, equipment and materials as identified in the construction plan</li><li>• personal protective equipment</li><li>• site for construction or installation</li><li>• recording or reporting form</li></ul></li><li>• specifications:<ul style="list-style-type: none"><li>• construction or installation plan</li><li>• workplace procedures for construction and installation tasks, including advice on health and safety and environmental requirements</li></ul></li><li>• relationships:<ul style="list-style-type: none"><li>• interactions with supervisor.</li></ul></li></ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273</a>