

**Modification history**

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

SFIAQU503	Establish an aquaculture facility
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to establish an aquaculture business initiative. It includes the ability to define the business opportunity and operational requirements and coordinate development of the facility or work site.</p> <p>This unit applies to individuals who have technical and management responsibility for starting up or expanding an aquaculture business operation.</p> <p>No occupational licensing, legislative or certification requirements apply to this 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. Define facility requirements	1.1 Define target market opportunity or business need based on appropriate evidence, industry practice and analysis 1.2 Select species, culture technology and size of operation based on analysis and include in business plan 1.3 Research mechanisation or automation of process or activity and the use of specialised contract services, and include in business plan if required 1.4 Identify legal requirements impacting on a proposed facility
2. Choose a worksite	2.1 Scan property market purchase or leasing possibilities 2.2 Enter into contractual arrangements based on legal requirements and business plan
3. Develop a worksite plan	3.1 Incorporate features of the site into worksite plan to allow most effective construction program 3.2 Draw up construction plan, including budget and work schedule in consultation with senior personnel 3.3 Obtain relevant building or development permits or approvals
4. Coordinate construction	4.1 Organise appropriate labour, materials and resources and carry out construction according to construction work plan and drawings 4.2 Monitor contractors, consultants and construction work against drawings and work plans, and negotiate deviations and emerging issues 4.3 Commission site, ensuring all systems are operational according to plans and permits or approvals

<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>• Research and analyse technical information from a range of sources</li> <li>• Interpret business and legal documentation</li> <li>• Interpret specifications and drawings</li> </ul>
Writing	<ul style="list-style-type: none"> <li>• Prepare plans using appropriate format and clear language</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Calculate costs and reconcile against schedules and plans</li> <li>• Quantify labour, material and resource requirements</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>• Participate in complex verbal exchanges to convey and explain information clearly using language appropriate for the audience</li> </ul>
Navigate the world of work	<ul style="list-style-type: none"> <li>• Work independently and collectively within broad parameters taking responsibility for plans, decisions and outcomes relating to new facility</li> <li>• Understand legislative and regulatory requirements with specific reference to business establishment, and planning and building requirements recognising problems that have the potential to become legal issues and taking steps to address them before they escalate</li> </ul>
Interact with others	<ul style="list-style-type: none"> <li>• Negotiate and liaise collaboratively with a range of personnel working on the new facility, influencing direction and taking a leadership role on occasion</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>• Use workplace digital systems and tools to access, organise, and analyse costs, data and information relevant to the aquaculture facility</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>
SFIAQU503 Establish an aquaculture facility	SFIAQUA503C Establish an aquacultural enterprise	Updated to meet Standards for Training Packages. Revised unit title.	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>
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<b>TITLE</b>	<b>Assessment requirements for SFIAQU503 Establish an aquaculture facility</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has planned and implemented the establishment of at least one aquaculture facility or work site including:</p> <ul style="list-style-type: none"> <li>• developing the business plan</li> <li>• choosing an efficient worksite fit for purpose</li> <li>• developing the construction plan</li> <li>• consulting with senior personnel</li> <li>• coordinating construction, approvals and permits</li> <li>• negotiating with contractors, consultants, suppliers and property agents.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• species options and business market and demand</li> <li>• options for technology, site and size of operation</li> <li>• benefits and limitations of options for mechanisation or automation of process or activity</li> <li>• features of site plans, specifications and working drawings</li> <li>• laws and regulations relating to facility operations</li> <li>• key features of buying or leasing contract</li> <li>• key principles of project and budget management</li> <li>• building laws and regulations for proposed worksite</li> <li>• options for management and employment of contractors and consultants.</li> </ul>	
<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>• technology for researching and documenting information</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• budget</li> <li>• business plan</li> <li>• work site plan and specifications</li> </ul> </li> <li>• relationships: <ul style="list-style-type: none"> <li>• interactions with external personnel and contractors.</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>	
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