

**Modification history**

<b>Release</b>	<b>Comments</b>
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.

<b>SFIAQU505</b>	<b>Plan stock health management</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to plan stock health management including identifying and researching stock health issues, documenting management options, and implementing and monitoring the plan.</p> <p>This unit applies to individuals who have specialised knowledge and technical and/or management responsibilities for stock health management in an aquaculture setting.</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)

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Develop a stock health management program	1.1 Identify stock health issues from published data, historical records and industry consultation 1.2 Define management options relative to desired quality, quantity and productivity requirements of marketing and production plans 1.3 Develop stock health plan based on workplace procedures and specific responsibilities of operational elements to achieve required outcomes 1.4 Communicate plan and establish systems to assess achievement of required outcomes 1.5 Research mechanisation or automation of process or activity and the use of specialised contract services
2. Develop a stock monitoring program	2.1 Select monitoring methods, taking into account production, marketing, seasonal and environmental influences on stock health 2.2 Define procedures and specific responsibilities of operational elements to achieve required outcomes in monitoring plan 2.3 Communicate plan and establish systems to assess if required outcomes are achieved 2.4 Seek professional assistance in line with workplace practices

<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 relating to stock health issues from a range of sources</li> <li>• Interpret and analyse monitoring data</li> </ul>
Writing	<ul style="list-style-type: none"> <li>• Prepare plans and procedures using appropriate format, clear language and correct technical terminology</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Calculate the cost-benefit of various treatment and prevention options</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>• Participate in 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 stock health management</li> </ul>
Interact with others	<ul style="list-style-type: none"> <li>• Select and use appropriate communication protocols and conventions when sharing information with others and seeking specialist advice on stock health management</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>• Use systematic, analytical processes to identify and solve problems and make decisions relating to stock health management</li> <li>• Use workplace digital systems and tools to access, organise, and analyse information relevant to stock health management</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>
SFIAQU505C Plan stock health management	SFIAQUA505C Plan stock health management	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>
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<b>TITLE</b>	<b>Assessment requirements for SFIAQU505 Plan stock health management</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 for stock health management of an aquaculture facility on at least one occasion including:</p> <ul style="list-style-type: none"> <li>• researching stock health issues and stock management strategies</li> <li>• researching options for mechanisation or automation and specialised services</li> <li>• developing a stock health management plan</li> <li>• writing workplace procedures to support the stock health management plan</li> <li>• implementing and communicating a stock health monitoring program.</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>• strategies and approaches for managing aquatic stock health</li> <li>• strategies and procedures for management of: <ul style="list-style-type: none"> <li>• environmental (non-pathogenic) diseases</li> <li>• pests, predators and diseases</li> </ul> </li> <li>• biosecurity in the context of health management</li> <li>• limitations and benefits of options for mechanisation or automation of process or activity</li> <li>• options for use of specialised contract services.</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>• workplace operational and financial information needed to develop stock health management plan.</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>