



Australian Government

SFIAQU505 Plan stock health management

Release: 1

SFIAQU505 Plan stock health management

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 plan stock health management, including identifying and researching stock health issues, documenting management options, and implementing and monitoring the plan.

This unit applies to individuals who have specialised knowledge and technical and/or management responsibilities for stock health management in an aquaculture setting.

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. 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 Research and incorporate mechanisation or automation of process

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	or activity and the use of specialised contract services as required
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 as required in line with workplace practices

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	- Researches and analyses technical information relating to stock health issues from a range of sources - Interprets and analyses monitoring data
Writing	Prepares plans and procedures using appropriate format, clear language and correct technical terminology
Numeracy	Calculates the cost-benefit of various treatment and prevention options
Oral communication	Participates in verbal exchanges to convey and explain information clearly using language appropriate for the audience
Navigate the world of work	Works independently and collectively within broad parameters, taking responsibility for plans, decisions and outcomes relating to stock health management
Interact with others	Selects and uses appropriate communication protocols and conventions when sharing information with others and seeking specialist advice on stock health management
Get the work done	- Uses systematic, analytical processes to identify and solve problems and make decisions relating to stock health management - Uses workplace digital systems and tools to access, organise and analyse information relevant to stock health management

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU505 Plan stock health management	SFIAQUA505C Plan stock health management	Updated to meet Standards for Training Packages	Equivalent unit

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 SFIAQU505 Plan stock health management

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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 planned for stock health management of an aquaculture facility on at least one occasion, including:

- developing a plan that defines stock health management strategies based on research of stock health issues and facility objectives
- establishing workplace procedures to support the implementation of the stock health management plan
- developing a monitoring system to measure the achievement of the stock health management plan.

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:

- strategies and approaches for managing aquatic stock health
- strategies and procedures for management of:
 - environmental (non-pathogenic) diseases
 - pests, predators and diseases
- biosecurity in the context of health management
- limitations and benefits of options for mechanisation or automation of process or activity
- options for use of specialised contract services.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in an aquaculture workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - technology for researching and documenting information
- specifications:
 - workplace operational and financial information needed to develop stock health management plan.

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

Links

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