



Australian Government

SFIBIO301 Identify and report signs of aquatic disease or pests

Release: 1

SFIBIO301 Identify and report signs of aquatic disease or pests

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 recognise signs of disease or pests in fish and other aquatic life, and take appropriate reporting and response action.

The unit applies to individuals who carry out routine tasks in the seafood industry where they have daily contact with aquatic organisms.

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

Biosecurity (BIO)

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. Identify signs of disease or pests in aquatic life	1.1 Monitor aquatic life for signs or symptoms of disease or pests 1.2 Compare signs of potential disease infection or pest species with own experience of common endemic diseases or pests in the species 1.3 Assess extent of the problem in the species where signs indicate

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	a potential disease or pest issue 1.4 Assess any environmental factors that may be contributing to the disease or pest issue 1.5 Seek advice from supervisors, professionals or appropriate authorities when signs indicate a potential disease or pest
2. Respond to signs of disease or pest in aquatic life	2.1 Report signs of potential disease or a pest that presents a biosecurity risk to appropriate authorities immediately according to workplace procedures 2.2 Implement biosecurity measures according to organisational biosecurity plans and instructions from appropriate authority

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	Interprets workplace procedures for identifying and responding to biosecurity risks
Navigate the world of work	Takes responsibility for adherence to workplace compliance requirements relating to identifying and responding to biosecurity risks and own role
Interact with others	Uses appropriate communication protocols and channels when seeking advice and reporting on disease or pests

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIBIO301 Identify and report signs of aquatic disease or	Not applicable	New unit	No equivalent unit

pests			
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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 SFIBIO301 Identify and report signs of aquatic disease or pests

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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 identified and reported signs of disease or pests in fish or other aquatic life on at least one occasion, including:

- inspecting and assessing aquatic life for potential disease or pest problem
- applying the appropriate measures to potential disease or pest issues based on supervisor or authority advice.

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:

- signs of common endemic diseases or pests in the species
- signs indicating disease or pests in fish species and other aquatic stock, including impacts on health and behaviour
- environmental factors impacting on disease and pests
- methods for assessing extent of problem, including sampling of diseased or pest-affected aquatic life
- biosecurity principles and compliance with biosecurity protocols
- relevant local, state and federal biosecurity policies, Acts and legislation
- biosecurity measures associated with organisational biosecurity plans
- process of reporting any unusual findings to appropriate authorities.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a seafood industry workplace or an environment that accurately represents workplace conditions

- resources, equipment and materials:
 - aquatic life
- specifications:
 - access to organisational/jurisdictional biosecurity plan
 - workplace procedures relating to biosecurity protocols, including identifying and responding to biosecurity risks
- relationships:
 - evidence of interactions with supervisor and authorities.

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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