



Australian Government

Assessment Requirements for SFIBIO501 Plan and implement an aquaculture biosecurity plan

Release: 1

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Modification History

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

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, developed and implemented an aquaculture biosecurity plan on at least one occasion, including:

- determining biosecurity threats to farm
- identifying current access points to property
- developing a biosecurity plan that documents the risk analysis and control measures and procedures for:
 - farm inputs
 - farm outputs
 - movement of vectors of disease, including equipment, vehicles and vessels, water, feed and waste
 - production practices
 - controlling wild aquatic and non-aquatic animals
 - staff training
 - record keeping for traceability of farm inputs and farm outputs
- developing, documenting, inducting and training staff in control measures for:
 - controlling farm inputs
 - biosecurity for farm outputs
 - movement of people
 - vehicles, vessels and equipment
 - production practices
 - control of wild aquatic and non-aquatic animals
 - keeping records
- monitoring effectiveness of biosecurity plan and staff performance to identify improvements.

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:

- purpose and process for developing a biosecurity plan
- local, state and national regulatory requirements for aquaculture biosecurity
- purpose and process for conducting an aquaculture biosecurity risk analysis
- diseases or pests that pose a biosecurity threat to the aquaculture organisation
- good biosecurity practices and control measures for:
 - farm inputs
 - farm outputs
 - movement of people
 - movement of stock
 - vessels, vehicles and equipment
 - production practices
 - wild aquatic and non-aquatic animals
 - training staff
 - maintaining records
- best practice record keeping for:
 - moving aquatic stock on and off the property
 - observation on health status
 - water quality data
 - disease testing
 - husbandry records
 - chemical usage and storage
- planning processes for costing, allocating resources and establishing timelines for implementing biosecurity measures
- processes for developing standard operating procedures to implement biosecurity control measures
- processes for improving staff performance against biosecurity control measures
- processes for monitoring effectiveness of biosecurity control measures.

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:
 - information sources on biosecurity issues and risks
 - access to biosecurity regulations

- technology for researching and documenting information
- specifications:
 - farm property plan.

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

Links

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