



Australian Government

SFIAQU215 Control diseases

Release: 1

SFIAQU215 Control diseases

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 report on and assist with treating common diseases and actual or potential outbreaks that might threaten cultured or held stock.

The unit applies to individuals who undertake routine tasks in disease control in aquaculture environments under the direction of a supervisor.

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

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. Prepare disease control and treatment	1.1 Follow farm biosecurity procedures in own work practices 1.2 Report observations of abnormal stock behaviour, mortalities or moribund stock to supervisor 1.3 Receive and confirm instructions with supervisor on preparations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	for disease control and treatment 1.4 Collect required equipment and materials, including personal protective equipment, and check for serviceability
2. Assist with disease control	2.1 Assist with preparation of disease treatments according to workplace chemical handling procedures and supervisor instructions 2.2 Apply disease treatments to affected stock according to supervisor instructions using safe work practices 2.3 Observe treated stock behaviour and record abnormal activity and report to supervisor
3. Assist with disposal of wastes and mortalities	3.1 Check and prepare collection equipment and holding or storage facilities 3.2 Collect wastes and mortalities and transfer to holding or storage facilities 3.3 Dispose of wastes and mortalities according to workplace and safety procedures 3.4 Employ work practices that minimise stock stress or damage
4. Complete activities after the disease has been controlled	4.1 Clean work area and dispose of waste materials safely according to workplace procedures 4.2 Check and store tools and equipment, reporting any identified repair requirements to supervisor 4.3 Record relevant data and observations and report any abnormal records to supervisor

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 text in workplace procedures and instructions relating to disease control - Interprets labels and signs on chemicals and equipment

Skill	Description
Writing	Fills out workplace forms on disease control legibly and accurately
Numeracy	Counts or estimates stock mortalities or affected stock
Oral communication	Describes abnormal records or stock behaviour relating to disease control to supervisor using correct terminology

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU215 Control diseases	SFIAQUA222A Control diseases	Updated to meet Standards for Training Packages Minor changes to elements and performance criteria to clarify intent of unit	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 SFIAQU215 Control diseases

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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 assisted in controlling common diseases in stock on at least one occasion, including:

- detecting and reporting actual and potential disease problems
- communicating with supervisor on work instructions for disease control tasks
- preparing and using the required equipment for disease control, including the fitting of personal protective equipment
- preparing and assisting with disease control treatment
- using the appropriate disposal methods for wastes and mortalities
- completing accurate records on disease and stock observations
- maintaining the work area and equipment after disease control tasks.

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:

- biosecurity in relation to common disease control
- key features of normal and gross abnormal stock behaviour
- gross signs and symptoms of common diseases of cultured or held stock
- potential effects of disease on cultured or held stock
- safe use of disease treatments
- workplace procedures for tasks associated with controlling diseases in stock
- safe work practices in context of controlling diseases.

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:
 - personal protective equipment
 - treatments and equipment for treating and preventing diseases
 - culture or holding structures with or in water that contain stock threatened by actual and/or potential disease
 - data or recording sheets
- specifications:
 - instructions and workplace procedures for treatment and control of diseases, including advice on biosecurity, health and safety and environmental requirements
- relationships:
 - evidence of interactions with supervisor.

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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