



Australian Government

SFIAQU214 Control predators and pests

Release: 1

SFIAQU214 Control predators and 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 identify and assist in erecting, installing and maintaining structures to control common predators or pests that might threaten cultured or held stock.

The unit applies to individuals who undertake routine tasks in controlling actual and potential predator and pest problems 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 for predator or pest control	1.1 Identify problem predator and pest species that have potential effects on cultured or held stock 1.2 Observe behaviour and intensity of predators or pests, including any abnormal behaviour in stock, and report to supervisor 1.3 Receive and confirm instructions with supervisor for predator or

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	pest control 1.4 Collect required equipment, including personal protective equipment, and check for serviceability
2. Set up and maintain predator or pest control structures and equipment	2.1 Assist with installing control structures and equipment using safe work practices 2.2 Inspect control structures and equipment, and report problems to supervisor 2.3 Carry out basic repairs and maintenance following supervisor instructions 2.4 Clear and remove vegetation or other materials that can harbour or shelter pests and predators
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 procedures 3.4 Minimise stock stress or damage following workplace procedures
4. Complete post-predator or pest control activities	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

Skill	Description
	- predator and pest control - Interprets labels and signs on chemicals and equipment
Writing	Fills out workplace records on predator and pest control legibly and accurately
Numeracy	- Counts or estimates numbers of predators and pests - Counts or estimates number of stock mortalities
Oral communication	Describes abnormal records or stock behaviour to supervisor using correct terminology

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU214 Control predators and pests	SFIAQUA221A Control predators and pests	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 SFIAQU214 Control predators and 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 assisted in controlling common predators or pests on at least one occasion, including:

- detecting and reporting actual and potential predator or pest problems
- communicating with supervisor on work instructions for control activities
- preparing and using the required equipment for predator or pest control, including personal protective equipment
- assisting with installing or repairing and maintaining predator or pest control structures
- using the appropriate disposal methods for wastes and mortalities
- completing accurate records on predator or pest control observations
- maintaining work area and equipment after 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:

- gross signs and symptoms of predator and pest infestation of cultured or held stock
- potential effects of predators or pests on cultured or held stock
- habitats and behaviour of main predators and pests
- hygiene risks associated with predator and pest control
- types of structures and equipment options to control predators and pests
- requirements relating to disposing of mortalities and waste
- workplace procedures for tasks associated with controlling predators and pests
- safe work practices in context of controlling pests and predators.

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:
 - equipment to install, erect, repair and maintain predator or pest control structures
 - personal protective equipment
 - culture or holding structures that contain stock threatened by actual and/or potential predators or pests
 - data or recording sheets
- specifications:
 - instructions and workplace procedures for controlling predators and pests
- 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.

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