

Modification history

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

SFIAQU221	Control predators and pests
Application	<p>This unit of competency describes the skills and knowledge required to identify and assist in erecting, installing and maintaining structures to control common predators and pests that might threaten cultured or held stock.</p> <p>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.</p> <p>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.</p> <p>No occupational licensing, legislative or certification requirements apply to the unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Aquaculture (AQU)

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 and 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 and pests, including any abnormal behaviour in stock and report to supervisor 1.3 Receive instructions from supervisor for predator and pest control and confirm understanding 1.4 Collect required equipment, including personal protective equipment, and check for serviceability
2. Set up and maintain predator and pest control structures and equipment	2.1 Assist with erecting or 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 Relocate wildlife safely according to workplace procedures 2.5 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 and pest control activities	4.1 Clean work area and dispose of waste materials safely according to environmental requirements and 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	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> • Interpret text in workplace procedures and instructions relating to predator and pest control • Interpret labels and signs on chemicals and equipment
Writing	<ul style="list-style-type: none"> • Fill out workplace records on predator and pest control legibly and accurately
Numeracy	<ul style="list-style-type: none"> • Count or estimate numbers of predators and pests • Count or estimate number of stock mortalities
Oral communication	<ul style="list-style-type: none"> • Describe abnormal records or stock behaviour to supervisor using correct terminology
Interact with others	<ul style="list-style-type: none"> • Collaborate and cooperate with co-workers to complete tasks

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU221 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.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273

TITLE	Assessment requirements for SFIAQU221 Control predators and pests
Performance Evidence	
<p>An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has assisted in controlling common predators and pests on at least one occasion including:</p> <ul style="list-style-type: none"> • detecting and reporting actual and potential predator and pest problems • communicating with supervisor on work instructions for control activities • preparing and using the required equipment, including personal protective equipment • assisting with erecting or installing predator and pest control structures • repairing and maintaining predator and pest control structures and equipment • disposing of wastes and mortalities • recording predator and pest control information • cleaning up work area and equipment and storing tools and equipment • following work health and safety and environmental requirements. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • key features of normal and gross abnormal stock behaviour • 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 • dealing with protected wildlife species • workplace procedures for tasks associated with controlling predators and pests • safe work practices in context of controlling pests and predators. 	
Assessment Conditions	
<p>Assessment of this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in an aquaculture workplace or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • equipment to install, erect, repair and maintain predator and pest control structures • personal protective equipment • culture or holding structures with or in water that contain stock threatened by actual and/or potential predators and pests • data or recording sheets • specifications: <ul style="list-style-type: none"> • instructions and workplace procedures for controlling predators and pests that includes advice on health and safety and environmental requirements • relationships: <ul style="list-style-type: none"> • interactions with supervisor. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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