



Australian Government

SFIAQU207 Monitor stock and environmental conditions

Release: 1

SFIAQU207 Monitor stock and environmental conditions

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 monitor the behaviour and health of cultured and held stock, and monitor routine environmental conditions.

The unit applies to individuals who carry out basic monitoring activities in an aquaculture setting 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. Licences may be required if operating vehicles or vessels.

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 monitoring	1.1 Confirm monitoring schedule and required observations with supervisor 1.2 Collect required equipment, including personal protective equipment, and check for serviceability

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Carry out monitoring	2.1 Observe stock condition, checking for anything that could be deemed as abnormal 2.2 Make observations and measurements on stock characteristics as required in monitoring schedule
3. Complete monitoring activities	3.1 Clean work area and dispose of waste materials safely according to workplace procedures 3.2 Check and store tools and equipment, reporting any identified repair requirements to supervisor 3.3 Record relevant 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, monitoring schedule and instructions
Writing	Fills out workplace records legibly and accurately
Numeracy	Interprets environmental measures
Oral communication	- Asks questions to clarify job requirements - Describes abnormal stock behaviour to supervisor using correct terminology
Get the work done	Makes routine decisions about condition of stock

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

SFIAQU207 Monitor stock and environmental conditions	SFIAQUA213C Monitor stock and environmental conditions	Updated to meet Standards for Training Packages Content relating to water testing has been incorporated into SFIAQU205 Monitor water quality All other content has been incorporated into this unit	No equivalent unit
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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 SFIAQU207 Monitor stock and environmental conditions

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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 monitored aquaculture stock and environmental conditions on at least one occasion, including:

- communicating with and reporting to supervisor on monitoring activities
- preparing and using monitoring equipment, including personal protective equipment
- observing stock behaviour and general condition for indications that they are outside of the acceptable range as determined by the workplace
- completing accurate monitoring records
- cleaning work area and storing tools and equipment after monitoring activities.

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:

- workplace sampling and monitoring procedures for stock and environmental conditions
- parameters to be monitored and acceptable workplace ranges of stock to be monitored
- basic water quality factors and their impact on stock
- effects of environmental parameters on behaviour and condition
- basic features of normal and abnormal stock behaviour
- safe work practices and environmental requirements relevant to monitoring stock
- biosecurity in relation to monitoring stock health and behaviour.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in an aquaculture workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - monitoring schedule
 - monitoring equipment for culture or holding stock and water
 - personal protective equipment
 - stock exhibiting a range of quality parameters in culture or holding structures
 - data or recording sheets
- specifications:
 - workplace procedures for monitoring stock and environmental conditions
- 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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