



Australian Government

SFIAQU312 Monitor feed activities

Release: 2

SFIAQU312 Monitor feed activities

Modification History

Release	Comments
Release 2	This version released with SFI Seafood Industry Training Package Version 2.0.
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 plan and monitor feed activities for cultured aquatic stock. It includes the ability to coordinate feed activities and use data and observations to optimise the uptake of feed.

The unit applies to individuals who are responsible for feed activities within an aquaculture workplace, working under broad direction and having limited responsibility for the work of others.

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. Plan and organise feed	1.1 Confirm feeding schedule and instructions with supervisor

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 cultured or held stock	1.2 Check feed types, quantities and sizes against feeding schedule 1.3 Check received feed quality and specifications against labels and delivery documentation as required 1.4 Select feeding equipment and/or automated feeding technology, check for serviceability and consider the need for personal protective equipment
2. Monitor and optimise feed uptake	2.1 Implement workplace feeding procedure to feed stock 2.2 Monitor stock uptake of feed 2.3 Monitor effectiveness of feeding activities to improve feed uptake and reduce wastage 2.4 Alter stock feeding schedule to compensate for factors limiting feed uptake
3. Finalise and review feeding operations	3.1 Check cleaning of work area and disposal of waste materials are completed according to workplace procedures 3.2 Check condition, maintenance requirements and storage of equipment 3.3 Store feed in a manner that minimises degradation or contamination 3.4 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	- Interpret feeding schedules and relevant workplace procedures - Interpret feed packaging labels
Writing	- Complete workplace records legibly and using accurate technical terminology - Edit and alter feeding schedule

Skill	Description
Numeracy	• Calculate formulae using ratios, metric units and percentages • Calculate, estimate, measure and weigh feeds
Oral communication	• Participate in verbal exchanges to convey and clarify feed activities using language appropriate for audience

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU312 Monitor feed activities Release 2	SFIAQUA312 Monitor feed activities Release 1	Minor update to performance criteria and performance evidence for clarity regarding the use of technology	Equivalent

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 SFIAQU312 Monitor feed activities

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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 feed activities for aquatic stock on at least one occasion, including:

- communicating with supervisor on feeding requirements and activities
- using appropriate feeding equipment and/or technology
- fitting personal protective equipment when it's required
- preparing the correct feed type and quantity to meet feeding requirements
- altering feeding plan to compensate for factors or conditions influencing feed uptake
- maintaining a clean work area and functional equipment during and after feeding
- checking and maintaining the quality of feed
- maintaining accurate records on feeding 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:

- feeding requirements of aquatic stock, stock types and age groups
- characteristics of main feed types
- stock behaviour and dietary requirements in varying conditions
- factors and conditions that inhibit or limit feed uptake
- effects of food wastage on environment
- feed handling and preparation and storage requirements
- feeding equipment operations and maintenance
- safety considerations and hazards associated with feeding equipment and activities.

Assessment Conditions

Assessment of the skills in this unit of competency 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:
 - feeding equipment
 - stock feed
 - stock to be fed
- specifications:
 - feeding schedule
 - workplace procedures for feeding stock, including advice on health and safety and hygiene requirements
- relationships:
 - evidence of interactions with supervisor and team members.

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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