



**Australian Government**

# **SFIAQU409 Implement, monitor and review stock production**

**Release: 1**

## SFIAQU409 Implement, monitor and review stock production

### 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 implement and monitor a stock product plan, and review and improve on production performance.

The unit applies to personnel who have technical and coordination responsibilities for stock production and for improving production outcomes in an aquaculture facility.

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. Implement and monitor stock production plan	1.1 Convey production plan, policies and procedures to staff for implementation 1.2 Assess feed supplies against production plan and feeding schedule 1.3 Monitor distribution schedules and vary stocking rates, as required 1.4 Monitor stock growth or production using an appropriate performance recording system 1.5 Carry out harvesting according to workplace requirements to meet sales goals

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>1.6 Monitor stock health and promptly control any pest, parasite or disease outbreaks with samples being sent to relevant authorities</p> <p>1.7 Monitor effects of feeds and health treatments on stock, and take actions to avoid or minimise stock health problems and negative effects on product quality</p> <p>1.8 Review progress of production regularly with staff</p>
2. Continually review and improve production performance	<p>2.1 Maintain physical and operations records for analysis and evaluation of production performance for senior management</p> <p>2.2 Evaluate production performance at each stage to determine sustainability and profitability and for use in reviewing and revising production plans</p> <p>2.3 Obtain and assess information on innovations relating to existing or potential workplace and facility activities to determine their relevance and possible application</p> <p>2.4 Test relevant innovations to determine their suitability and adaptability, and report outcomes to senior management</p> <p>2.5 Keep senior management informed of production schedule and performance</p>

## 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.*

<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>• Extracts data and information from journals, websites, magazines, books and trade journals</li> <li>• Interprets aquatic engineering, culture technology and species biology information</li> <li>• Interprets and analyses monitoring schedules</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Calculates resource requirements and reconciles with production plan</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>• Explains production plan requirements clearly using language appropriate for audience</li> </ul>

Skill	Description
Navigate the world of work	<ul style="list-style-type: none"> <li>Works independently and collectively within broad parameters, taking responsibility for plans, decisions and outcomes relating to stock production</li> </ul>
Interact with others	<ul style="list-style-type: none"> <li>Collaborates with others contributing knowledge and skills to achieve work outcomes</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>Uses systematic, analytical processes to identify and solve problems and make decisions at each production stage</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU409 Implement, monitor and review stock production	SFIAQUA409B Implement, monitor and review stock production	<p>Updated to meet Standards for Training Packages</p> <p>Minor amendments to performance criteria for clarity</p>	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>