



**Australian Government**

# **SFIAQU405 Develop emergency procedures for an aquaculture enterprise**

**Release: 1**

# SFIAQU405 Develop emergency procedures for an aquaculture enterprise

## 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 develop emergency procedures, contingency plans and loss-minimisation strategies for aquaculture and holding facilities.

The unit applies to individuals who have responsibility to plan for and overcome identified threats or hazards to workplace products, personnel and assets, natural resources and environment.

No licensing, legislative or certification requirements are known to 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. Identify hazards and implement general readiness actions | 1.1 Identify all emergencies and hazards to workplace products, personnel and assets, natural resources and environment<br>1.2 Seek input of managers and stakeholders in identifying potential emergencies and developing a risk register<br>1.3 Identify and liaise with appropriate authorities and emergency |

| <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>agencies to identify potential risks</p> <p>1.4 Provide sufficient time for on-facility and external monitoring and warning systems to allow risk management contingency plan or loss-minimisation strategy to be implemented or accessed</p> <p>1.5 Determine and arrange resources to implement contingency plan</p> <p>1.6 Ensure equipment and resources needed to minimise, remove or deal with threats are operational</p>                                                                                              |
| 2. Develop contingency plans and emergency procedures                   | <p>2.1 Develop contingency plans that address risks in consultation with experts</p> <p>2.2 Develop emergency procedures to address a range of possible emergency situations</p> <p>2.3 Prioritise and document actions to be taken during incidents and emergencies, ensuring all legal requirements and checks are met</p> <p>2.4 Carry out practical drills to test contingency plans and emergency procedures</p> <p>2.5 Evaluate costs and benefits of contingency plans or emergency procedures and refine as required</p> |
| 3. Implement risk management contingency plans and emergency procedures | <p>3.1 Identify specific risks and severity of incidents and select appropriate risk management contingency plans</p> <p>3.2 Mobilise staff and resources and confirm areas of responsibility</p> <p>3.3 Carry out emergency procedures and maintain liaison with emergency agencies</p> <p>3.4 Maintain loss minimisation until risk has passed</p> <p>3.5 Carry out emergency debrief according to workplace procedures</p> <p>3.6 Identify and support personnel and resources required for post-incident activities</p>      |
| 4. Improve the contingency plans                                        | <p>4.1 Monitor responses to threats and emergencies in consultation with appropriate authorities and emergency agencies</p> <p>4.2 Analyse overall performance of contingency plan for currency and functionality to ensure business stability and profitability</p> <p>4.3 Document and report results of analysis to management and key personnel</p> <p>4.4 Assess information on alternative risk management strategies to determine relevance and possible application in existing or potential</p>                         |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                 |
|                                                  | <p>situations</p> <p>4.5 Test suitability and adaptability of alternative strategies to individual circumstances</p> <p>4.6 Assess innovation benefits and costs and make decisions on their adoption</p> <p>4.7 Brief management on outcomes and recommendations for improvements</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.*

| Skill                      | Description                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading                    | <ul style="list-style-type: none"> <li>Interprets and analyses technical and legislative material</li> <li>Researches and analyses a range of textual and numeric information to determine possible threats and emergencies and required actions</li> </ul>                                                                                                   |
| Writing                    | <ul style="list-style-type: none"> <li>Prepares and logically structures components of reports, procedures and contingency plans</li> <li>Makes edits and changes to update documentation</li> </ul>                                                                                                                                                          |
| Numeracy                   | <ul style="list-style-type: none"> <li>Analyses statistical data to determine risk</li> <li>Assesses and compares costs of risk management strategies</li> </ul>                                                                                                                                                                                              |
| Oral communication         | <ul style="list-style-type: none"> <li>Participates in verbal exchanges to convey and report information using language and terminology appropriate for the audience</li> <li>Issues instructions clearly and authoritatively during unusual circumstances</li> </ul>                                                                                         |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Understands workplace risk environment and legislative and regulatory requirements with specific reference to safety</li> </ul>                                                                                                                                                                                        |
| Get the work done          | <ul style="list-style-type: none"> <li>Plans, coordinates and monitors multiple activities and resources relating to management of workplace risk, safety and emergencies</li> <li>Uses key features and functions of workplace digital systems and technology for analysing data, preparing documentation and accessing and conveying information</li> </ul> |

## Unit Mapping Information

| Code and title<br>current version                                                   | Code and title<br>previous version                                                 | Comments                                              | Equivalence status |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------|
| SFIAQU405<br>Develop<br>emergency<br>procedures for an<br>aquaculture<br>enterprise | SFIAQUA413A<br>Develop emergency<br>procedures for an<br>aquaculture<br>enterprise | Updated to meet<br>Standards for Training<br>Packages | 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>