

Modification history

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

SFIAQU413	Develop emergency procedures for an aquaculture workplace
Application	<p>This unit of competency describes the skills and knowledge required to develop emergency procedures, contingency plans and loss-minimisation strategies for on-land, inland water, estuarine and sea-based aquaculture holding facilities.</p> <p>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.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this 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. Identify hazards and implement general readiness actions	1.1 Identify all emergencies and hazards to workplace products, personnel and assets, natural resources and environment 1.2 Seek input of managers and stakeholders in identifying potential emergencies and developing a risk register 1.3 Identify and liaise with appropriate authorities and emergency agencies to identify potential risks 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 1.5 Determine and acquire labour, materials, equipment and liaison procedures with emergency agencies to implement the contingency plan 1.6 Maintain and periodically update rosters or shifts and contact details of staff and emergency agencies 1.7 Mark and ensure equipment and resources needed to minimise, remove or deal with threats is operational 1.8 Brief external specialists on management policies and priorities
2. Develop contingency plans and emergency procedures	2.1 Develop contingency plans that address risks in consultation with experts 2.2 Develop emergency procedures to address a range of possible emergency situations in consultation with experts 2.3 Prioritise and document actions to be taken during incidents and emergencies ensuring all legal requirements and checks are met 2.4 Carry out practical drills to test contingency plans and emergency procedures 2.5 Evaluate costs and benefits of contingency plans or emergency procedures and refine as required

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Implement risk management contingency plans and emergency procedures	3.1 Lodge copies of specific contingency plans and emergency procedures with relevant authorities and emergency agencies 3.2 Identify specific risks and severity of incidents and select appropriate risk management contingency plans 3.3 Mobilise staff and resources and confirm areas of responsibility 3.4 Obtain professional or external assistance, appropriate to the complexity of the emergencies and financial risk 3.5 Carry out emergency procedures and maintain liaison with emergency agencies 3.6 Maintain loss minimisation until risk has passed 3.7 Carry out emergency debrief according to workplace procedures 3.8 Identify and support personnel and resources required for post-incident activities
4. Improve the contingency plans	4.1 Monitor responses to threats and emergencies in consultation with appropriate authorities and emergency agencies 4.2 Analyse overall performance of the contingency plan for currency and functionality to ensure business stability and profitability 4.3 Document and report results of analysis to management and key personnel 4.4 Assess information on alternative risk management strategies and assess to determine relevance and possible application in existing or potential situations 4.5 Test suitability and adaptability of alternative strategies to individual circumstances 4.6 Assess innovation benefits and costs and make decisions on their adoption 4.7 Brief management on outcomes and recommendations for improvements

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 and analyse technical and legislative material Research and analyse a range of textual and numeric information to determine possible threats and emergencies and required actions
Writing	<ul style="list-style-type: none"> Prepare and logically structure components of reports, procedures and contingency plans Make edits and changes to update documentation
Numeracy	<ul style="list-style-type: none"> Analyse statistical data to determine risk Assess and compare costs of risk management strategies
Oral communication	<ul style="list-style-type: none"> Participate in verbal exchanges to convey and report information using language and terminology appropriate for the audience Issue instructions clearly and authoritatively during unusual circumstances
Navigate the world of work	<ul style="list-style-type: none"> Understand workplace risk environment and legislative and regulatory requirements with specific reference to safety
Get the work done	<ul style="list-style-type: none"> Plan, coordinate and monitor multiple activities and resources relating to management of workplace risk, safety and emergencies Use key features and functions of workplace digital systems and technology for analysing data, preparing documentation and accessing and conveying information

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU413 Develop emergency procedures for an aquaculture enterprise	SFIAQUA413A Develop emergency procedures for an aquaculture enterprise	Updated to meet Standards for Training Packages	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 SFIAQU413 Develop emergency procedures for an aquaculture workplace
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 developed and implemented emergency procedures for an aquaculture facility on at least one occasion including:</p> <ul style="list-style-type: none"> • gathering information from different sources to identify possible threats and emergencies and any deficiencies in response • implementing general readiness actions • developing and maintaining a contingency plan and emergency procedures for an aquaculture workplace • applying documented emergency procedures in own organisational environment • communicating effectively with emergency services personnel and workplace personnel at all levels • monitoring and making improvements to the contingency plans. 	
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"> • emergency alerting systems, signals and instructions typically used within industry workplaces • government regulations and requirements of authorities and agencies • hazards and precautions during an emergency or evacuation, including checking and accounting procedures • information needs of emergency response agencies at time of reporting • health and safety legislative requirements related to risk management • characteristics and composition of the workforce that needs to be considered in an emergency or threat situation • location of emergency procedures, equipment and evacuation assembly areas • organisational emergency procedures, including various roles of the workplace emergency personnel • workforce needs and entitlements post-emergency, incident and accident • principles and priorities for evacuation, including checking and accounting procedures • priorities and limitations of workplace response to threats and emergencies • risk factors involved in operating an aquaculture workplace • role, responsibility and authority of emergency response personnel and principles of effective liaison to ensure that there is no interference or hindrance to their action. 	
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"> • scenarios for practical drills • relevant technology for communication and preparing documentation • specifications: <ul style="list-style-type: none"> • workplace procedures and documentation relating to threats or emergencies • relationships: <ul style="list-style-type: none"> • interactions with experts for specialist information and staff to oversee during implementation of contingency plans and emergency procedures. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273