



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **SFI40211 Certificate IV in Fishing Operations**

**Release: 1**

## **SFI40211 Certificate IV in Fishing Operations**

### **Modification History**

Not Applicable

## Description

This qualification specifies the competencies required to oversee fishing operations.

The qualification will have application for people working:

- for aquaculture farms using wild caught broodstock or seedstock
- on charter vessels
- on fishing vessels.

### Job roles

Individuals operating at this level undertake a broad range of routine processes and procedures which may include

- implementing occupational health and safety (OHS), environmental, food safety and quality control procedures and policies
- locating fishing grounds
- managing and controlling fishing operations
- managing cleaning and maintenance of equipment and vessel
- managing or leading work teams, including divers
- managing the handling, harvesting and sorting of by-catch
- skippering a vessel.

Work may vary between enterprises.

Job role titles may include:

- fishing master
- skipper/owner.
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## Pathways Information

### Pathways into the qualification

Pathways for candidates considering this qualification include:

- prior vocational qualifications or equivalent experience related to maritime certifications, fishing, seafood processing or aquaculture operations.

### Pathways from the qualification

After achieving this qualification, candidates may undertake a:

- SFI50111 Diploma of Aquaculture.
- SFI50211 Diploma of Fishing Operations.
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## Licensing/Regulatory Information

### Licensing, legislative, regulatory or certification considerations

Licences for operating motor vehicles, tractors, forklifts, vessels and other plant apply for some competencies.

## **Entry Requirements**

Not Applicable

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

#### SFI40211 Certificate IV in Fishing Operations

The following table contains a summary of the employability skills as identified by the fishing operations sector for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements and may vary from one workplace to another.

Employability Skill	Industry for this qualification include:
Communication	<ul style="list-style-type: none"> <li>• applying numeracy skills to workplace requirements</li> <li>• promptly instructing crew in response to abnormal situations</li> <li>• providing oral and written instructions for routine and emergency situations</li> <li>• responding to diversity</li> <li>• using clear, timely and accurate communication to inform crew of their responsibilities during fishing operations</li> <li>• using ranges and bearings from RADAR.</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• identifying and using the strengths of other team members</li> <li>• showing consideration of other vessels when positioning fishing operation</li> <li>• working as an individual and a team member</li> <li>• working with diverse individuals and groups.</li> </ul>
Problem solving	<ul style="list-style-type: none"> <li>• acting to minimise the effects of abnormal situations on crew, environment and vessel safety whilst also minimising disruption to operations</li> <li>• applying a range of strategies in problem solving</li> <li>• maximising vessel stability during all stages of the fishing operation.</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• adapting to new situations</li> <li>• forecasting weather and responding appropriately</li> <li>• generating a range of options in response to workplace matters</li> <li>• identifying improvements to the fishing enterprise, including efficiencies, productivity and systems, such as OHS, environmental management and quality assurance.</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• controlling vessel speed with due regard for safety, fishing operation and prevailing conditions</li> <li>• fixing position on navigational charts or electronic plotters</li> <li>• managing time and priorities</li> <li>• organising personnel into an efficient fishing operation</li> <li>• planning fishing areas based on information available, target species and fishing gear</li> </ul>

<b>EMPLOYABILITY SKILLS QUALIFICATION SUMMARY</b>	
	<ul style="list-style-type: none"> <li>sequencing activities for safe and efficient operation.</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>being timely and effective in responding to enterprise needs within work role</li> <li>carrying a fair share of the workload</li> <li>managing personal stress</li> <li>prioritising work and related activities</li> <li>taking responsibility and being accountable for planning and work outcomes.</li> </ul>
Learning	<ul style="list-style-type: none"> <li>being open to learning, new ideas and techniques</li> <li>coaching crew and staff to improve performance</li> <li>contributing to the learning of others</li> <li>learning in order to take up new opportunities</li> <li>participating in ongoing learning.</li> </ul>
Technology	<ul style="list-style-type: none"> <li>applying technology as a tool to record and analyse information</li> <li>using catch reporting systems</li> <li>using electronic aids to assist in locating fishing opportunities</li> <li>using electronic communication tools</li> <li>using vessel monitoring systems.</li> </ul>

## Packaging Rules

### Packaging Rules

A total of twenty (20) units of competency must be achieved.

- four (4) core units *plus*
- five (5) fishing specialist elective units (Group A) *plus*
- eleven (11) elective units that may be selected from a combination of:
  - Group A fishing specialist units not yet selected for this qualification
  - Group B elective units
  - imported units from this Training Package or from any other nationally endorsed Training Package or accredited course. A maximum of four (4) units can be imported and at least two (2) of those units must be aligned to Certificate IV or Diploma level. Units must be relevant to workplace needs.

### Core units of competency

Unit code	Unit title
SFICORE101C	Apply basic food handling and safety practices

Unit code	Unit title
SFICORE103C	Communicate in the seafood industry
SFICORE105B	Work effectively in the seafood industry
SFICORE106B	Meet workplace OHS requirements

### Elective units of competency

#### Group A: Fishing specialist units

Unit code	Unit title
AHCMOM402A	Supervise maintenance of property machinery and equipment
AHCWRK403A	Supervise work routines and staff performance
BSBRK401A	Identify risk and apply risk management processes
SFIEMS302B	Act to prevent interaction with protected species
SFIFISH310A	Adjust and position fishing gear
SFIFISH401C	Locate fishing grounds and stocks of fish
SFIFISH402C	Manage and control fishing operations
SFIOHS301C	Implement OHS policies and guidelines

#### Group B: Other elective units

##### Crane operations

Unit code	Unit title
TLID3033A	Operate a vehicle-mounted loading crane
TLILIC3006A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)
TLILIC3008A	Licence to operate a slewing mobile crane (up to 20 tonnes)

##### Seafood transport and storage

Unit code	Unit title
SFIFISH311A	Operate vessel deck machinery and lifting appliance
TLIA4025A	Regulate temperature controlled stock
TLIR4002A	Source goods/services and evaluate contractors

### Specialised management systems

Unit code	Unit title
MTMCOR402B	Facilitate Quality Assurance process
MTMMP72C	Facilitate hygiene and sanitation performance
MTMPSR406B	Manage and maintain a food safety plan
SFIEMS301B	Implement and monitor environmentally sustainable work practices
SFIEMS401B	Conduct an internal audit of an environmental management system
SFIOHS501C	Establish and maintain the enterprise OHS program

### Business services

Unit code	Unit title
BSBADM407B	Administer projects
BSBADM409A	Coordinate business resources
BSBCUS401A	Coordinate implementation of customer service strategies
BSBEBU401A	Review and maintain a website
BSBFIA302A	Process payroll
BSBFIA401A	Prepare financial reports
BSBITU203A	Communicate electronically
BSBITU305A	Conduct online transactions
BSBITU404A	Produce complex desktop published documents



Unit code	Unit title
BSBPUR401B	Plan purchasing
BSBPUR402B	Negotiate contracts
BSBRES401A	Analyse and present research information
BSBWOR301A	Organise personal work priorities and development
SITXMPR001A	Coordinate production of brochures and marketing materials
TLIR4002A	Source goods/services and evaluate contractors

### Frontline management

Unit code	Unit title
BSBATSIC411C	Communicate with the community
BSBINM401A	Implement workplace information system
BSBHRM401A	Review human resources functions
BSBHRM402A	Recruit, select and induct staff
BSBINN301A	Promote innovation in a team environment
BSBLED401A	Develop teams and individuals
BSBMGT401A	Show leadership in the workplace
BSBMGT403A	Implement continuous improvement

### Industry leadership Focus A - Sector representation

Unit code	Unit title
SFILEAD401B	Develop and promote knowledge of the industry sector
SFILEAD402B	Negotiate effectively for the sector
SFILEAD403B	Demonstrate commitment and professionalism

### Industry leadership Focus B - Resource management group membership

<b>Unit code</b>	<b>Unit title</b>
SFILEAD407A	Provide expert information to a resource management group
SFILEAD408A	Analyse information to develop strategic seafood management options
SFILEAD409A	Negotiate collective outcomes within the resource management group process