



Australian Government

SFICPL502 Contribute to fisheries management

Release: 1

SFICPL502 Contribute to fisheries management

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 contribute to fisheries management through different means, including meetings, provision of information and data, and management support.

The unit applies to individuals who contribute in a leadership role along with industry representatives, scientists, environmentalists, and government and community representatives in managing fishery and compliance issues.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Compliance (CPL)

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. Contribute to fisheries management meetings	1.1 Read and interpret minutes, agenda and other distributed documentation in advance of meetings, and undertake further research or seek advice as required 1.2 Raise issues that are supported by statistical data and jurisdictional law and policy 1.3 Ensure conduct at meetings is professional and according to accepted meeting etiquette

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Assist with fisheries management	2.1 Make arrangements to provide data collection service and sampling service to fisheries management committee or other organisations contributing to fisheries management, as required 2.2 Provide information relating to fisheries management and fisheries management issues
3. Support fisheries management through compliance	3.1 Consult industry in setting compliance agency goals and performance standards 3.2 Use compliance education and awareness to promote fisheries management principles to industry and community 3.3 Seek feedback from industry on effectiveness of compliance in fisheries management

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
Numeracy	Interprets and calculates numerical, statistical and graphical measurements and data related to fisheries management
Reading	- Reads, interprets, analyses and evaluates fisheries management and compliance documentation - Accesses, selects and tailors data and information from a broad range of mostly familiar sources
Writing	Integrates information and ideas from a range of sources into a range of familiar documents and reports
Navigate the world of work	Interprets and applies knowledge of fisheries management principles to own role
Interact with others	Selects and uses appropriate vocabulary, conventions and protocols, including technical language, to convey and clarify fisheries management information with others
Get the work done	Uses computer technology and digital equipment related to facilitation of fisheries meetings

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFICPL502 Contribute to fisheries management	SFICOMP502C Contribute to fisheries management	Updated to meet Standards for Training 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>

Assessment Requirements for SFICPL502 Contribute to fisheries management

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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 contributed to supporting fisheries management, including:

- preparing for and contributing effectively to at least one fisheries management meeting
- providing data and information to fisheries management stakeholders on at least one occasion
- conducting a consultation process to evaluate the effectiveness of a fisheries compliance requirement.

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:

- advantages and disadvantages of input and output management strategy controls for fisheries
- formal meeting procedures
- Indigenous land rights and cultural activities, including traditional fishing methods
- population dynamics of species specific to the fishery and their impact on management strategies:
 - characteristics of fish population
 - methods of determining growth habits
 - methods of determining stock abundance
 - movement patterns of species
 - recruitment to the fishery
 - reproductive patterns of species
 - schooling habits of species
 - methods of monitoring fishing effort in fishery

- process for implementing management decisions for state, territory and Commonwealth fisheries
- scientific and economic concepts pertaining to fisheries management:
 - Maximum Economic Yield (MEY)
 - Maximum Sustainable Yields (MSY)
 - impact of technological creep (advancements and changes in technology) on fishing effort and fishing mortality
 - Total Allowable Catch (TAC) and Individual Transferable Quota (ITQ).

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a fisheries management industry setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - statistical data
- specifications:
 - information relating to management of a specific species
 - access to legislation and policies related to fisheries management
- relationships:
 - evidence of interactions with stakeholders.

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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