



Australian Government

Assessment Requirements for SFICPL502 Contribute to fisheries management

Release: 1

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Modification History

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

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.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>