



Australian Government

Department of Education, Employment and Workplace Relations

SFICOMP502C Contribute to fisheries management

Release: 1

SFICOMP502C Contribute to fisheries management

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	<p>This unit of competency involves being proactive in fisheries management along with industry representatives, scientists, environmentalists, government and community representatives.</p> <p>No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.</p>
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Application of the Unit

Application of the unit	
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Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Contribute to <i>fishery</i> management meetings	1.1. Minutes, agenda and other distributed documentation are read and interpreted in advance of the meeting and further research undertaken or advice sought, if required. 1.2. Attendance at meetings is regular and timely. 1.3. Points of view are expressed and issues raised on behalf of the compliance agency, as required, concisely and supported by statistical data and jurisdictional law and policy. 1.4. Conduct at meetings is at all times professional and in accordance with accepted meeting etiquette.
2. Assist with fishery management	2.1. Arrangements are made for compliance agency to provide data collection service and sampling service to fishery management committee or other organisations contributing to fisheries management, as required. 2.2. Information relating to fishery management and fishery management issues is provided.
3. Support fishery management through the compliance function	3.1. Industry is consulted in setting compliance agency goals and performance standards. 3.2. Compliance education and awareness function is used to promote fishery management principles to industry and community. 3.3. Feedback is sought from industry on effectiveness of the compliance function in the fishery's management.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- applying fisheries management principles to the compliance function
- communicating and negotiating with stakeholders in the fishery
- facilitating meetings
- providing leadership.

REQUIRED SKILLS AND KNOWLEDGE**Literacy skills used for:**

- reading fishery management documentation
- writing reports for fishery management committee and other stakeholders.

Numeracy skills used for:

- analysing statistical data related to fishery management.

Required knowledge

- advantages and disadvantages of management strategies for fisheries:
 - input controls
 - output controls
- formal meeting procedures
- Indigenous land rights and cultural activities, including fishing by traditional methods
- population dynamics of fishery species and its 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 or 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 fishery management:
 - Maximum Economic Yield (MEY)
 - Maximum Sustainable Yields (MSY)
 - technology creep
 - Total Allowable Catch (TAC) and Individual Transferable Quota (ITQ).

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment evidence required to demonstrate competence in this unit	<p>Assessment must confirm the ability to:</p> <ul style="list-style-type: none"> integrate the compliance function with fisheries management principles in at least one (1) fishery. <p>Assessment must confirm knowledge of:</p> <ul style="list-style-type: none"> fisheries management principles.
Context of and specific resources for assessment	<p>Assessment is to be conducted at the workplace or in a simulated work environment.</p> <p>Resources may include:</p> <ul style="list-style-type: none"> statistical data information relating to management of a specific species.
Method of assessment	<p>The following assessment methods are suggested:</p> <ul style="list-style-type: none"> questions role-plays demonstrated participation in fishery management meetings.
Guidance information for assessment	This unit may be assessed holistically with other units within a qualification.

Range Statement

RANGE STATEMENT
The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work

RANGE STATEMENT

situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

A *fishery* is identified as:

- a state, territory or commonwealth fishery, and is usually classified by species and/or region.

Unit Sector(s)

Unit sector	Fisheries compliance
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Co-requisite units

Co-requisite units	

Competency field

Competency field	
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