



Australian Government

DEFSU001B Catch aquatic animals in a survival situation

Release: 2

DEFSU001B Catch aquatic animals in a survival situation

Modification History

Release	TP Version	Comments
2	DEF12V2	Layout adjusted. No changes to content.
1	DEF12V1	Primary release.

Unit Descriptor

This unit covers the competency required to catch aquatic animals, in a survival situation. The individual is not expected to be an expert fisherperson, but rather, to have sufficient skills and knowledge to obtain, where possible, a measure of sustenance from **waterways** in order to enhance their chances of survival.

Application of the Unit

As agreed in the creation of this Training Package, applications for units transferred from the PUA00 Public Safety Training Package will be developed as part of continuous improvement plans, and taking into account the change in Unit of Competency format as detailed in templates for Streamlined Training Packages.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. Prepare improvised fishing resources

- 1.1 ***Improvised tackle*** is assembled from ***natural resources*** and basic ***survival resources***.
- 1.2 Natural ***fish-stunning agents*** are identified and prepared.
- 1.3 Tackle is baited using locally acquired insects and animals appropriate to the type of aquatic animal being sought.

2. Conduct fishing operation

- 2.1 Location and timing of fishing operation optimises the chances of success without exposing the fisherman to ***environmental dangers***.
- 2.2 Basic ***fishing techniques*** are applied to attract the desired ***aquatic animal*** to strike.
- 2.3 Hooked aquatic animals are landed efficiently without exposing the fisherman to environmental dangers.
- 2.4 ***Tidal pools are sited***, and enhanced to trap aquatic animals during tidal ranges.
- 2.5 Captured aquatic animals are handled and dispatched, gutted and filleted safely in order to reduce danger to self, and undesirable/poisonous fish are removed from catch.
- 2.6 Guts are examined to identify fish's preferred diet with the aim of targeting particular species and re-investing offal and off-cuts in ongoing fishing operations.
- 2.7 ***Techniques for maintaining aquatic animals in fresh condition*** are implemented until required for consumption.

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- awareness of aquatic predators
- recognise dangerous aquatic animals
- use knives safely

Required Knowledge

- ciguatera poisoning signs and symptoms
- dangerous aquatic animals (e.g. stone/toad/lion/angelfish)
- knife safety

Evidence Guide

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to site an appropriate fishing location which optimises the chances of success while minimising the environmental stresses and hazards; to site and construct a functional tidal pool of at least 2 m² surface area; and to maintain a landed fish either by tethering or depositing in an enclosed pool.

Consistency in performance

Competency should be demonstrated over time in a range of fishing activities that could be expected in a survival situation.

Context of and specific resources for assessment

Context of assessment

Competency must be assessed in a simulated workplace environment.

While a person can demonstrate the technical ability to catch aquatic animals, doing so in a survival situation is crucial; consequently it is strongly recommended that holistic assessment be conducted with other associated survival units.

Assessment under simulated survival conditions should include:

- food restrictions (food should be restricted to half the recommended daily caloric intake)
- the absence of normal living conditions and amenities such as showers, beds and bedding (warmth to be provided by fire), kitchens etc. with the attendant levels of personal discomfort and fatigue
- a significant period of time - the recommendation is four days.

Specific resources for assessment

Access to a suitable assessment area, fishing hooks (maximum of five) and fishing line (maximum of five metres).

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 in the Performance Criteria is detailed below.

<i>Waterways</i> may include:	• estuaries • inland lakes and other enclosed waterways (e.g. billabong) • ocean/sea
<i>Improvised tackle</i> may include:	• float • hook • line • rod • sinker
<i>Natural resources</i> may include:	• bark • feathers • sticks • stones
<i>Survival resources</i> include:	• fish-hooks and line • wire
<i>Fish-stunning agents</i> may include:	• amaryllidaceae • convolvulaceae • dioscoreaceae • lamiaceae • lecythidaceae • liliaceae • papilionaceae • sapindaceae • scrophulariaceae • solanaceae • verbenaceae
<i>Environmental dangers</i> may include:	• attack from predators (e.g. crocodile, shark) • being smashed against rocks from surf • drowning • hypothermia and heatstroke • rising tides
<i>Fishing techniques</i> may include:	• dragging • hand-line fishing/jigging • jiggling • throwing burley
<i>Aquatic animals</i> may include:	• amphibians (e.g. turtle, tortoise, frog, crocodile)

	• crustacea (e.g. yabbi, lobster, crab) • fish • shellfish
<i>Siting tidal pools</i> includes making use of:	• inlets • natural constrictions
<i>Techniques for maintaining aquatic animals in fresh condition</i> may include:	• tethering • transferral to keeping receptacle/pool • wrapping in wet cloth (e.g. shirt)

Unit Sector(s)

Not applicable.