



Australian Government

AHCMAR304 Identify and collect marine life

Release: 1

AHC MAR304 Identify and collect marine life

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to identify, collect, preserve and store small, macroscopic, marine life that is commonly encountered when undertaking marine monitoring activities, including marine macro-algae, invertebrates and fish.

The unit applies to individuals who work in a marine conservation and management role under broad supervision and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.

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

Pre-requisite Unit

Nil

Unit Sector

Marine (MAR)

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. Prepare to identify and collect marine life	1.1 Select resources required for identifying collected marine life 1.2 Identify and select equipment and materials required for collection, transport, preservation and storage of marine life 1.3 Identify sources of expertise and advice 1.4 Determine location/s and timing for collection and identification

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Identify and comply with licences and permits required for collecting marine wildlife 1.6 Follow workplace procedure for identification, collection and storage of marine specimens 1.7 Identify health, safety and environmental hazards, assess the risks and implement controls according to workplace procedures
2. Identify, gather and preserve marine specimens	2.1 Identify marine plants and animals using industry approved identification resources 2.2 Record characteristics and identity of marine life according to workplace procedures 2.3 Collect specimens for preservation, minimising environmental impact according to workplace procedures and ethical animal welfare practices 2.4 Implement biosecurity procedures 2.5 Transport small, neritic marine specimens according to workplace and ethical procedures 2.6 Preserve small, neritic marine specimens according to workplace preservation procedures 2.7 Confirm identification with supervisor or other expert
3. Complete identification, store specimens and update records	3.1 Update marine species records 3.2 Store marine specimens for the short and/ or medium term, according to workplace procedures 3.3 Clean and maintain equipment used for collection, transport, preservation and storage 3.4 Dispose of waste materials according to workplace and environmental procedures

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
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Skill	Description
Reading	Interpret instructions, licences and permits, and consolidate information to ensure understanding and compliance for marine activities
Writing	Record and update data accurately according to protocols for data collection

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMAR304 Identify and collect marine life	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>