



**Australian Government**

# **AHCNRM501 Develop a coastal rehabilitation strategy**

**Release: 1**

# AHCNRM501 Develop a coastal rehabilitation strategy

## Modification History

| Release | TP Version | Comment         |
|---------|------------|-----------------|
| 1       | AHCv1.0    | Initial release |

## Application

This unit of competency describes the skills and knowledge required to develop, implement and evaluate a rehabilitation strategy for a natural area in a coastal zone.

This unit applies to persons working in enterprises, organisations or groups who are responsible for the management of natural resources within the coastal zone. They analyse information and exercise judgement to complete a range of advanced skills activities.

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

## Pre-requisite Unit

Nil.

## Unit Sector

Natural Resource Management (NRM)

## Elements and Performance Criteria

| Element                                               | Performance criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes.             | Performance criteria describe the performance needed to demonstrate achievement of the element.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1. Identify and describe coastal resources and assets | <p>1.1 Identify existing sources of information on the coastal zone resource to be managed, including advice from the relevant land manager, organisation or group</p> <p>1.2 Conduct site survey to determine physical or biological entities and resources and threatening processes</p> <p>1.3 Identify cultural and heritage sites within the zone and arrange for an archaeological assessment, if required</p> <p>1.4 Determine resource use, management stakeholders and the requirements and opportunities for consultation</p> |

| Element                                                | Performance criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Establish condition of coastal area                 | 2.1 Assess current ecological and environmental condition of resources within the coastal area<br>2.2 Assess the impact on the resources and assets of threatening processes within the area<br>2.3 Present preliminary findings on the coastal resource and its condition to stakeholders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3. Develop a strategy to rehabilitate the coastal area | 3.1 Analyse information gathered to make decisions on management options<br>3.2 Present findings to management authority and seek direction on drafting management actions<br>3.3 Implement processes for consultation with management, enterprise staff, consultants and stakeholders in accordance with enterprise policies and procedures<br>3.4 Establish strategy and prioritise activities for asset rehabilitation and improvement in accordance with environmental sustainability practices<br>3.5 Design management action plan for implementation of the strategy<br>3.6 Document management and stakeholder acceptance of the plan according to organisational policies<br>3.7 Confirm plan complies with legislative and regulatory requirements and industry standards<br>3.8 Obtain formal consent from relevant land manager or authority |
| 4. Implement and monitor the strategy and action plan  | 4.1 Seek funds and volunteer assistance to undertake works<br>4.2 Coordinate works with stakeholders<br>4.3 Monitor progress of works in accordance with strategy plans<br>4.4 Monitor volunteers to ensure they follow work health and safety, biosecurity and environmental sustainability policies and procedures<br>4.5 Review strategies and actions and make recommendations for change                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5. Evaluate rehabilitation strategy                    | 5.1 Monitor changes in resource condition and evaluate effectiveness of strategy<br>5.2 Report findings to management and stakeholders with recommendations for adjustments to strategy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

This unit is equivalent to AHCNRM501A Develop a coastal rehabilitation strategy.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

# Assessment Requirements for AHCNRM501 Develop a coastal rehabilitation strategy

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## Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- develop, implement and evaluate a rehabilitation strategy for a natural area in a coastal zone
- assess the condition of a natural area within a coastal zone and identify threats through review of existing information, site surveys, consultation and expert advice
- determine management options and facilitate the development of a strategy and action plan through analysis of information collected, stakeholder consultation and advice from management authority
- monitor and evaluate the implementation of the strategy
- prepare reports to enterprise and authority standards
- apply work health and safety practices in the context of own work and in managing volunteers and undertaking rehabilitation works
- incorporate sustainability practices into rehabilitation strategies

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- coastal zone topographical features
- ecological principles and environmental assessment techniques
- coastal zone information resources including on native flora and fauna identification, habitat requirements, vulnerable and endangered species
- management and rehabilitation techniques and strategies for application within the coastal zone
- environmental degradation processes
- management strategies for cultural and heritage sites
- natural resource management planning and issues
- relevant legislative and regulatory requirements

## **Assessment Conditions**

Assessors must satisfy current standards for RTOs.

## **Links**

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