



Australian Government

AHCNRM509 Develop a coastal rehabilitation strategy

Release: 1

AHCNRM509 Develop a coastal rehabilitation strategy

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 develop, implement and evaluate a rehabilitation strategy for a natural area in a coastal zone.

The unit applies to individuals working in workplaces or groups who are responsible for the management of natural resources within the coastal zone and who analyse information and exercise judgement to complete a range of advanced skilled activities, demonstrating a deep knowledge in specific technical areas within resource management. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.

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

Pre-requisite Unit

Nil

Unit Sector

Natural Resource Management (NRM)

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. Determine coastal resources and assets	1.1 Source available information and seek advice from current land management stakeholders for coastal site 1.2 Conduct site survey to determine biophysical elements, resources and threats 1.3 Identify cultural and heritage sites within zone and assess need for

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	an archaeological assessment 1.4 Determine resource use, management stakeholders and the requirements and opportunities for consultation
2. Establish condition of coastal area	2.1 Assess current ecological and environmental condition of resources within the coastal area 2.2 Assess the impact of threats on the resources and assets in the area 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 findings and identify management options 3.2 Present findings to managing authority and seek direction on drafting management actions 3.3 Implement processes for consultation with stakeholders according to workplace policies and procedures 3.4 Establish strategy, and prioritise activities for asset rehabilitation and improvement in accordance with environmental sustainability practices, legislative and regulatory requirements and industry standards 3.5 Design management plan for implementation of strategy 3.6 Document management and stakeholder approvals of plan according to workplace procedures 3.7 Obtain formal approval from coastal site authority
4. Implement and monitor the strategy and action plan	4.1 Seek funding and labour resources to implement rehabilitation works 4.2 Coordinate works with stakeholders 4.3 Monitor progress of works according to management plan 4.4 Monitor workforce according to workplace health and safety, biosecurity and environmental policies and procedures
5. Evaluate rehabilitation strategy	5.1 Review management plan, consider improvements and recommend changes according to workplace procedures 5.2 Monitor changes in coastal resource conditions, and review effectiveness of strategy 5.3 Report findings to management and stakeholders with recommendations for adjustments to strategy

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
Reading	Organise, assess and critique information, legislation and regulations for incorporation into rehabilitation strategies
Writing	Select appropriate conventions and stylistic devices to express precise meaning in documented plans and strategies
Oral Communication	Establish and maintain effective communications when negotiating and consulting with stakeholders on rehabilitation strategies and providing feedback on work performance

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNRM509 Develop a coastal rehabilitation strategy	AHCNRM501 Develop a coastal rehabilitation strategy	Changes to Application and Performance Criteria for clarity Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links

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

Assessment Requirements for AHCNRM509 Develop a coastal rehabilitation strategy

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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, on at least one occasion, developed, implemented and evaluated a rehabilitation strategy for a natural area in a coastal zone, and has:

- assessed condition of natural area site:
 - reviewed existing information
 - conducted site surveys
 - consulted with stakeholders, managing authority and experts in the field
 - identified threats
- determined management options and facilitated the development of a strategy and action plan according to workplace health and safety policies, legislative requirements and sustainability practices
- monitored and evaluated the implementation of strategy
- prepared reports to workplace and authority standards.

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:

- identifying and working with stakeholders, and their importance in building relationships for consultation and formulating agreed strategies, including:
 - coastal area agencies and managing authorities
 - Indigenous land rights and ownership
 - coastal area recreational users
 - special interest groups engaged in conservation activities
 - neighbouring property owners and impact of strategies on their activities
 - historical and cultural interest groups

- education and training users
- coastal zone biophysical environment, including:
 - geological and topographical features
 - soil and hydrological conditions
 - flora and fauna and their ecological impact
- ecological principles and environmental assessment techniques, including:
 - maintaining ecosystem structures and habitat
 - interactions between flora and fauna
 - vegetation types and their general characteristics for management
 - identification of plant and animal threats
- coastal zone information resources, including:
 - native flora and fauna identification
 - habitat requirements
 - vulnerable and endangered species
- sourcing and managing resources to implement strategies, including:
 - sources of funding and application process
 - assessing materials and consumables required for rehabilitation works
 - biosecurity and provenance concerns for plant materials
- management, restoration 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 process
- state/territory legislative requirements related to revegetation works, environmental protection, biosecurity standards and workplace health and safety.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a coastal rehabilitation site
- resources, equipment and materials:
 - equipment, machinery, plants and consumables specified in strategy and action plans
- specifications:
 - workplace policies and procedures for rehabilitation works
 - legislation and regulations relevant to coastal area rehabilitation work and biosecurity
- relationships:
 - stakeholders
 - work team.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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