



Australian Government

**Assessment Requirements for AHCECR506
Develop and implement sustainable land
use strategies**

Release: 1

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Modification History

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

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 developed at least five sustainable land use strategies for a specified land use and has implemented at least one of the strategies over a period of six months.

There must also be evidence that the individual has:

- identified the threats to sustainable practices for the specified land use area
- managed water resources and impact on riparian zones
- managed vegetation and plant succession
- managed the health and sustainability of soils
- embedded the principles and practices of health, safety and biosecurity legislative requirements into land use strategies.

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:

- the role of biodiversity in farming systems, including:
 - importance of biodiversity farming systems
 - terrestrial plants and basic plant community structures
 - subsurface water and plant communities and impact on saline environments
 - methods for preserving biodiversity
- sustainable land and water use principles and practices, including:
 - advantages and limitations
 - environmental sustainability as a 'whole-system' approach
- recognition and management of land classes
- sustainable soil management, including:

- causes of land degradation
- soil type and geology and impact for land use and access
- grazing strategies to reduce surface cover on pastures and embankments
- soil appraisal and remediation strategies
- causes of erosion and erosion control strategies
- production practices and soil management
- environmental controls and codes of practice applicable to the business and to the improvement works, including:
 - water use and water catchments
 - sources and damage of pollutants
 - waste minimisation and sustainable disposal
 - natural and human threats to sustainable land use
 - interactions between production systems and natural areas
- legislation and regulations for soil and water degradation, chemical use and structural works
- workplace health and safety and environmental protection legislation, regulations and codes of practice including biosecurity.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated in the field resources, equipment and materials:
 - equipment, machinery, plants and consumables required to implement the specified land use strategies
- specifications:
 - workplace policies and procedures for preparing strategies
 - legislation and regulations relevant to land use and biosecurity.

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

Links

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