



Australian Government

AHCECR101 Support ecological restoration

Release: 1

AHCECR101 Support ecological restoration

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 support natural area conservation work in parks, natural areas, agricultural lands or areas undergoing restoration.

The unit applies to individuals who assist others undertaking conservation works and who undertake defined routine activities under close supervision and undertake defined activities and work in a structured context.

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

Pre-requisite Unit

Nil

Unit Sector

Ecological Restoration (ECR)

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 materials, tools and equipment for conservation work	1.1 Interpret instructions and directions from supervisor 1.2 Identify materials, tools and equipment required for job 1.3 Conduct checks on materials, tools and equipment, and report insufficient or faulty items 1.4 Demonstrate manual handling techniques when loading and unloading materials 1.5 Select and use relevant personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.6 Identify workplace health and safety hazards, and report to supervisor
2. Undertake conservation and restoration work as directed	2.1 Conduct conservation and restoration work according to work instructions and workplace health and safety procedures 2.2 Interact with others in a positive and professional manner 2.3 Handle materials and dispose of waste according to instruction 2.4 Report difficulties in completing work to required standards to supervisor
3. Store and stockpile materials	3.1 Store debris and waste material according to instructions 3.2 Prepare and process debris and waste materials 3.3 Stockpile surplus materials for removal 3.4 Maintain a clean and safe work site while completing conservation activities
4. Clean up on completion of conservation work	4.1 Store materials according to instructions 4.2 Clean, maintain and store tools and equipment according to instructions 4.3 Report work outcomes to supervisor

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
Oral communication	- Listen to work instructions and clarify both written and oral instructions as required - Report on own work to supervisor

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCECR101 Support ecological restoration	AHCNAR101 Support natural area conservation	Changed unit code and title to reflect new unit sector 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 AHCECR101 Support ecological restoration

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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, supported natural area conservation work, and has:

- interpreted supervisor instructions and prepared tools and equipment
- provided support for natural area conservation work
- stockpiled waste and surplus materials for removal or storage according to supervisor instructions
- cleaned site, tools and equipment
- conducted all work according to workplace health and safety requirements.

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:

- recognition of the purpose and value of conservation management projects
- tools and equipment used in conservation work, including:
 - safe operation and use
 - basic maintenance
 - cleaning and storing
- basic restoration techniques, including:
 - planting
 - basic plant protection installation
 - direct seeding
 - assisted natural regeneration
 - protection of remnant vegetation
- basic manual weed control techniques and their purpose, including:
 - recognition of target species

- deseeding
- crowning
- digging out
- workplace health and safety requirements, including:
 - basic hazard recognition and reporting
 - workplace health and safety procedures
 - personal protective equipment required for conservation work
- basic principles of biosecurity and sustainability practices related to work instructions
- basic ecological principles for conservation work related to work instruction, including:
 - recognition of basic ecosystems, their aspect, and simple structure required for locating planting and conservation work areas
 - recognition of plant types and positioning in the ecosystem when planting or seeding.

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 conservation work site or in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment
 - materials required for ecological restoration works
 - specific items of personal protective equipment
- specifications:
 - workplace instructions
- relationships:
 - supervisor.

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

Links

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