Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCECR101 | Support ecological restoration |
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| 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 are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Ecological Restoration (ECR) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare materials, tools and equipment for conservation work | 1.1 Interpret instructions and directions from supervisor1.2 Identify materials, tools and equipment required for job1.3 Conduct checks on materials, tools and equipment and report insufficient or faulty items1.4 Demonstrate manual handling techniques when loading and unloading materials1.5 Select and check suitable personal protective equipment1.6 Identify work 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 procedures2.2 Interact with others in a positive and professional manner2.3 Handle materials and dispose of waste according to instruction2.4 Report difficulties in completing work to required standards to supervisor |
| 3. Store and stockpile materials | 3.1 Store debris and waste material according to instructions3.2 Prepare and process debris and waste materials3.3 Stockpile surplus materials for removal3.4 Maintain a clean and safe work site while completing conservation activities |
| 4. Clean up on completion of conservation work | 4.1 Store plants and materials according to instructions4.2 Clean, maintain and store tools and equipment according to instructions4.3 Report work outcomes to supervisor |

| Foundation SkillsThis 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. |
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| Skill | Description |
| Reading | * Interpret written instructions for personally relevant information and seek advice and clarification from supervisor when unclear
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| Oral communication | * Present and listen for basic oral information in short and simple spoken contexts when receiving instructions and reporting to supervisor
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCECR101 Support ecological restorationRelease 2 | AHCNAR101 Support natural area conservationRelease 1 | Code and title change to reflect current industry standardsChanges to Application and Performance CriteriaUpdated Performance Evidence, Knowledge Evidence and Assessment Conditions | Equivalent unit |

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

| TITLE | 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 work health and safety requirements.
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| Knowledge Evidence |
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| 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.
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| Assessment Conditions |
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| Assessment of skills must take place under the following conditions: * physical conditions:
* skills must be demonstrated on a conservation work site or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* tools and equipment for planting, seeding and conservation work
* plants and seeds
* use of specific items of personal protective equipment]
* specifications:
* use of 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. |

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