



Australian Government

Assessment Requirements for AHCECR401 Supervise ecological restoration works

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 determined resource requirements, acquired resources and supervised restoration work of at least two ecological restoration projects.

The must also be evidence that the individual has:

- conducted a site safety risk assessment and implemented controls during project
- scoped the work requirements against specifications in project brief
- developed a work program and sourced labour, equipment and materials required to undertake the work
- coordinated work team to achieve performance targets
- monitored work program progress and made adjustments to achieve outcomes
- inspected completed work and ensured specifications and environmental targets were met
- reported project completion to stakeholders according to workplace requirements
- monitored the application of sustainability practices, workplace health and safety procedures and biosecurity measures.

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:

- ecological restoration principles, approaches, strategies, tactics and techniques to avoid negative environmental impacts
- scheduling work, including:
 - work team and contractors
 - availability of consumables and materials
 - availability and operational performance of machinery and equipment
- working with plans and contracts and assessing performance targets
- environmental factors to be considered in restoration works, including:

- the role of native plants and animals in the ecosystem of the site
- vertebrate pests and options for control
- impact of weeds and pests and appropriate control methods
- ability to assess restoration potential of sites
- ecological principles related to restoration of ecological sites, including:
 - recognition of fundamental ecosystem structures
 - interactions between flora and fauna and impact on ecological stability
 - vegetation types and their general characteristics relevant to restoration activities
 - ecology in land based, coastal zones or marine parks
 - marine, shore and terrestrial species
 - inland aquatic systems
 - natural and human threats to places of natural significance
 - environmental threats and damage potential
 - soil type and geology for accessing sites and conducting revegetation work
- supervisory skills and working with work teams and contractors:
 - assessing performance
 - rectifying performance issues
 - reporting procedures
- engagement of contractors and procedures, including:
 - work contracts and specifications
 - work progress reports and progress payments
 - site safety expectations
 - practical completion certification
- workplace health and safety procedures, including:
 - safety hazards and associated risks on restoration sites
 - personal protective equipment required by work teams
 - sun protection
 - materials handling 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 for an active ecological restoration worksite or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - materials and other resources as specified in project brief
 - specific tools and equipment required to perform restoration activities
- specifications:

- specific workplace policies and procedures for safety and supervision work
- ecological restoration plan and specifications
- relationships:
 - stakeholders
 - work team and contractors
- timeframes:
 - according to timeframes specified in project brief.

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>