



Australian Government

Assessment Requirements for AHCECR402 Plan the implementation of revegetation 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 prepared a plan for implementing revegetation works for at least one natural area site, and has:

- confirmed the scope of the project, including preferences and contract requirements
- assessed site for opportunities and constraints associated with implementation of revegetation works
- established the purpose and client preferences for the site to be revegetated
- carried out a site visit and confirmed any planning requirements
- developed a plan for the site, detailing the resources required and the program of works, which must include:
 - environmental impact and mitigation
 - health and safety risks and mitigation
- developed schedules for the establishment and maintenance phases of the project, which must include:
 - site setup and development
 - revegetation works establishment period
 - maintenance
 - impact of seasons and climate on staging strategy
 - impacts in the staging strategy
- documented the staged implementation plan.

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:

- role of revegetation works in the restoration of the natural environment
- environmental and biosecurity issues associated with revegetation works, including:

- legislative frameworks that govern revegetation activities
- compliance with legislation
- minimising impact on the natural environment
- preventing pest and disease incursion into revegetation sites
- biophysical environmental and historical aspects of natural areas, including:
 - biotic factors affecting the site
 - abiotic factors and their influence on revegetation and accessing natural areas
 - changes to the physical and biological conditions and impact on revegetation activities
- impact of seasonal effects of weather and climatic conditions on revegetation works planning and scheduling, including:
 - plant species, supply and care
 - site access during inclement weather
 - machinery use
 - fire hazards
 - plant establishment phase
 - site-specific health and safety
- ecological principles related to revegetation of natural areas, including:
 - ecosystem structures and habitat
 - interactions between flora and fauna and impact on ecological stability
 - vegetation types and their general characteristics
- importance of biodiversity when revegetating for an ecologically stable community, including:
 - terrestrial plants and basic plant community structures
 - marine and water plants and interaction with marine fauna
 - contribution of revegetation works on preserving biodiversity
- intricate relationships between microbiota, including insects, molluscs, worms and microbes, and impact on revegetation practices
- environmental factors to be considered in revegetation works, including:
 - revegetation in land based, coastal zones or marine parks
 - marine, shore and terrestrial species
 - natural and human threats to places of natural significance
 - pollution sources and damage potential
 - soil type and geology for accessing sites and conducting revegetation work
- identification, propagation and establishment techniques of specific native plant species, including:
 - maintenance requirements and practices for native plants prior to and after initial establishment
 - growth habits and cultural requirements of specific native plants under a range of soil and environmental conditions
- site evaluation techniques including methods of analysing soils, waterways and their condition

- practical understanding of the advantages and disadvantages of options for revegetation works procedures
- workplace health and safety hazards associated with undertaking revegetation works, and the controls necessary to remove or minimise associated risks
- contract documents including specifications, plans of landscape works, services, supplies and surveyors documents.

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 an active natural area restoration worksite or in an environment that accurately represents workplace conditions
- specifications:
 - workplace policies and procedures for preparing plans
 - scope of works, specifications and contract requirements
 - legislation and regulations relevant to revegetation works 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>