



Australian Government

Assessment Requirements for AHCECR308 Conduct a site inspection for ecological restoration

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 conducted a site inspection for at least two different ecological restoration sites.

There must also be evidence that the individual has:

- identified biota and ecological communities of the site
- identified abiotic elements and ecological processes for the site
- identified threatening processes affecting the site
- identified a reference ecosystem relevant to the restoration
- recognised symptoms of ecosystem degradation and potential for recovery
- recognised recovery potential of site, including:
 - zones of high recovery potential
 - zones of low recovery potential
- identified hazards, assessed risk and identified controls
- collected samples and conducted substrate field tests according to site conditions and stakeholder requirements
- estimated dimensions and gradients of site
- identified anticipated effects of climate change on site
- reported findings to stakeholder or supervisor according to workplace procedures.

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:

- basic ecological principles relevant to site inspections for restoration works
- basic ecological restoration principles
- biotic elements and ecosystem functions and processes, including resilience and succession after disturbance

- plan and map interpretation
- substrate type and condition and relevant field tests for soils and/or aquatic environments, including:
 - substrate type and structure
 - pH
 - soluble salts
- hydrological conditions for site and impact on ecosystem restoration
- native and non-native species identification and biology
- habitat conditions for plants and animals for restoration activities
- ecosystem resilience and recovery mechanisms of plants and animals
- threatening processes to native ecosystems
- anticipated effects of climate change on ecosystems
- measuring and estimating methods for linear measurements and gradients
- current ecosystems and their use and environmental threats
- site hazards, risks and control strategies associated with undertaking site inspections
- protocols for accessing and visiting ecological site
- legislative and regulatory requirements, including environmental protection legislation
- government regulations relating to the site components and access
- documenting site inspections using industry standard language, including:
 - inspection reports
 - site inventory reports
 - base plans
- codes of practice and current industry standards for ecological site inspections, reporting and terminology.

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 at least two different ecological sites
- resources, equipment and materials:
 - equipment for performing substrate tests
 - equipment or forms for maintaining records and reporting
 - items of personal protective equipment when accessing site
 - maps and plans for site orientation and boundary establishment
- specifications:
 - workplace documents such as policies, procedures and forms
 - workplace instructions and job specifications for inspection
 - relevant legislation/codes of practice
- relationships:

- stakeholder
- supervisor.

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>