



Australian Government

Assessment Requirements for AHCECR505 Plan river 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, on at least one occasion, prepared a plan for restoration works of a declining river, and has:

- discussed client expectations for restoration strategies and included in plan
- planned river restoration works according to client, environmental and legislative requirements
- developed erosion and sediment control measures
- followed industry guidelines to establish fauna habitat and vegetation species
- documented strategy for submission to authorising authority
- prepare a detailed works 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:

- legislation and regulations governing river system restoration, including:
 - permits
 - soil and water degradation
 - cultural and heritage sites
 - flora and fauna conservation
- river restoration, principles, techniques and processes
- potential and limits of natural regeneration of vegetation
- assisted regeneration and reconstruction approaches for revegetation
- establishment and maintenance of native vegetation to ensure establishment
- erosion and sediment control techniques and selection criteria
- planning procedure for erosion and sediment control
- erosion control and design principles and factors, including:

- soils and soil formation
- levels and levelling
- earthmoving principles
- total catchment issues
- managing peak water flows
- subsurface and surface drainage principles and systems
- river restoration works and impact on the natural environment.
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Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in the field at a river system requiring restoration works
- resources, equipment and materials:
 - digital technology for research and development of plans and documents
- specifications:
 - workplace policies and procedures for design development and documentation
 - legislation, regulations and codes of practice for revegetation works
- relationships:
 - client.

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>