



Australian Government

AHCNAR505 Plan river restoration works

Release: 1

AHCNAR505 Plan river restoration works

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to prepare a detailed plan for river restoration works, in consultation with the client and relevant consent authorities.

This unit applies to restoration and rehabilitation project managers who take responsibility for their own work and provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Natural Area Restoration (NAR)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Establish client need	1.1 Confirm client expectations 1.2 Explain current impacting legislation and policies 1.3 Discuss possible strategies and confirm the best option
2. Develop the strategy to utilise river restoration works	2.1 Check maps and titles to determine property ownership and boundaries 2.2 Determine profiles of river sections from photographs 2.3 Develop erosion and sediment control measures consistent with

Element	Performance criteria
	industry principles and selection criteria 2.4 Develop fauna habitats following industry recommendations 2.5 Ensure plants used in project comply with industry guidelines 2.6 Establish and document restoration strategies with the client and relevant consent authority
3. Prepare a detailed river restoration works plan	3.1 Check selection criteria for earthwork structures or measures against industry guidelines and legislative requirements 3.2 Check habitat enhancement strategies against industry guidelines 3.3 Prepare plan according to industry best practice and the requirements for submission to the relevant consent authority

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCNAR505A Plan river restoration works.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCNAR505 Plan river restoration works

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- check client expectations for restoration strategies for compliance and discuss issues with client
- plan river restoration works according to client, environmental and legislative requirements
- develop erosion and sediment control measures
- follow industry guidelines to establish fauna habitat and vegetation species
- document the strategy for submission to the relevant consent authority
- prepare a detailed works plan

Knowledge Evidence

The candidate must demonstrate knowledge of:

- relevant environmental protection, planning and groundwater legislation
- river restoration techniques and processes
- erosion and sediment control techniques
- 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
- restoration principles and techniques
- legal requirements related to permits

- environmental issues
- relevant legislation and regulations relating to soil and water degradation issues

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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