



**Australian Government**

# **AHCNAR303 Implement revegetation works**

**Release: 1**

# AHCNAR303 Implement revegetation works

## Modification History

| Release | TP Version | Comment         |
|---------|------------|-----------------|
| 1       | AHCv1.0    | Initial release |

## Application

This unit of competency describes the skills and knowledge required to implement revegetation works in natural restoration areas.

This unit applies to individuals who work under broad direction and use discretion and judgement in the selection and use of available resources.

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. Prepare for revegetation works         | 1.1 Identify appropriate timing and method of planting required<br>1.2 Select tools and materials required for the task and check functionality and cleanliness<br>1.3 Identify, obtain and store plant materials<br>1.4 Determine and organise labour and machinery requirements<br>1.5 Prepare a works schedule and provide to management or client<br>1.6 Conduct a safety risk assessment and apply work health and safety procedures |
| 2. Prepare the                            | 2.1 Identify site hazards, assess risks and implement risk controls                                                                                                                                                                                                                                                                                                                                                                       |

| Element                         | Performance criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| revegetation site               | 2.2 Undertake site preparation according to planting plan or supervisor's instructions<br>2.3 Use soil nutrients and ameliorants, if required by plan specifications<br>2.4 Mark out revegetation site according to supervisor instructions or plan, applying knowledge of ecosystems and habitat requirements<br>2.5 Treat all diseased and competing plants, debris and pollutants according to the plan and implement risk controls<br>2.6 Select and apply treatments according to the risk controls selected<br>2.7 Install protective structures where indicated by the risk controls implemented                                                                                                                      |
| 3. Undertake revegetation works | 3.1 Carry out revegetation works in accordance with work health and safety policies and procedures and wear appropriate personal protective equipment<br>3.2 Inspect plant materials before revegetation works and discard defective materials<br>3.3 Treat plant materials with required nutrients according to documented guidelines<br>3.4 Plant revegetation stock according to planting program<br>3.5 Apply appropriate techniques for protecting, securing or anchoring new plants<br>3.6 Apply appropriate biosecurity and environmentally sustainable practices<br>3.7 Ensure all of the revegetation program requirements have been implemented<br>3.8 Identify and report potential threats to revegetation works |
| 4. Maintain revegetated site    | 4.1 Monitor growth of plants<br>4.2 Maintain site according to the planting program requirements<br>4.3 Undertake remedial action and plant protection according to the needs of the species<br>4.4 Clean, maintain and store tools and equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 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 AHCNAR303A Implement revegetation 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 AHCNAR303 Implement revegetation 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:

- carry out all revegetation works according to the planting plan or supervisor instructions
- prepare the site for revegetation works
- conduct a site hazard identification and risk control assessment
- recognise and treat plant diseases on a revegetation site
- treat weeds and competing plants
- clean and maintain the revegetated site
- use, clean, maintain and store machinery and equipment according to manufacturer instructions
- apply work health and safety practices in the context of own work
- apply biosecurity measures in the context of own work
- apply appropriate sustainability practices in the context of own work

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- revegetation techniques
- ecosystems, provenance and habitat requirements
- factors affecting the timing and method of planting
- identification of pests and diseases of trees
- principles and methods relating to the prevention and control of pests and diseases
- safety requirements when handling and using hazardous goods
- nutrient requirements of a range of plant species and cultivars
- physiology of plant growth
- techniques for protecting and securing or anchoring trees and shrubs
- soils, nutrients and ameliorants applicable to revegetation program

## Assessment Conditions

Assessors must satisfy current standards for RTOs.

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