



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **AHCNAR303A Implement revegetation works**

**Release: 1**

## AHCNAR303A Implement revegetation works

### Modification History

Not Applicable

### Unit Descriptor

<b>Unit descriptor</b>	This unit covers the process of implementing revegetation works and defines the standard required to: 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; carry out revegetation works; and clean and maintain the revegetated site.
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### Application of the Unit

<b>Application of the unit</b>	This unit applies to workers re-establishing vegetation in natural restoration areas.
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### Licensing/Regulatory Information

Not Applicable

### Pre-Requisites

<b>Prerequisite units</b>		

## Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.
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## Elements and Performance Criteria Pre-Content

Not Applicable

## Elements and Performance Criteria

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>

ELEMENT	PERFORMANCE CRITERIA
1. Prepare equipment and materials	<p>1.1. Tools and materials are selected for the task to be undertaken according to manufacturer guidelines and Occupational Health and Safety (OHS) regulations.</p> <p>1.2. Plant materials are identified, obtained and stored according to enterprise guidelines.</p> <p>1.3. Labour and machinery requirements are estimated and organised.</p> <p>1.4. Schedule of works is prepared and provided to management/client.</p>
2. Prepare the revegetation site	<p>2.1. Site hazards are identified, risks assessed and suitable risk controls implemented.</p> <p>2.2. Site preparation is undertaken according to planting plan and/or supervisor's instructions.</p> <p>2.3. Soil ameliorants are used, if necessary, according to plan specifications.</p> <p>2.4. Revegetation site is marked out according to supervisor's directions and/or plans.</p> <p>2.5. All competing plants, debris and pollutants are treated according to the plan specifications and risk controls implemented.</p> <p>2.6. Treatments are selected according to the risk controls selected and applied according to documented guidelines and manufacturer instructions.</p> <p>2.7. Protective structures are installed where indicated by the risk controls implemented.</p>
3. Effect revegetation works	<p>3.1. Revegetation works are implemented according to enterprise guidelines.</p> <p>3.2. All plants materials are inspected prior to revegetation works and defective materials are discarded.</p> <p>3.3. Plant materials to be installed are treated according to documented guidelines.</p> <p>3.4. Plant materials are installed according to planting program.</p> <p>3.5. Remedial action is undertaken to ensure all of the revegetation program requirements have been implemented.</p> <p>3.6. Potential threats to revegetation works are identified and reported.</p>
4. Maintain revegetated site	<p>4.1. Site is maintained according to the planting program requirements.</p>

ELEMENT	PERFORMANCE CRITERIA
	<p>4.2. Remedial action and plant protection is undertaken according to the needs of the species.</p> <p>4.3. Tools and equipment are cleaned, maintained and stored consistent with manufacturer specifications.</p>

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

- prepare equipment and materials
- prepare a planting site
- effect revegetation works
- maintain revegetated site
- use literacy skills to read, interpret and follow organisational policies and procedures, follow sequenced written instructions, record information collected accurately and legibly, and select and apply procedures for a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation, including questioning techniques, active listening, clarifying information and consulting with supervisors as required
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to work with and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

#### Required knowledge

- 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/anchoring trees and shrubs
- plant selection and culture
- soils and nutrients
- calculations for materials.



## Evidence Guide

### EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

#### Overview of assessment

#### Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- 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
- carry out revegetation works
- clean and maintain the revegetated site.

#### Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

## Range Statement

### RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

The types of establishment methods may include:

- a range of establishment methods covering:
  - hand planting
  - mechanical planting
  - direct seeding
  - encouragement of natural regeneration
  - mechanical sowing
  - fire.

**RANGE STATEMENT**

Earthworks may include:

- irrigation
- drainage
- ripping
- cultivating
- clearing debris.

**Unit Sector(s)**

<b>Unit sector</b>	Natural area restoration
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**Co-requisite units**

<b>Co-requisite units</b>		

**Competency field**

<b>Competency field</b>	
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