

**Modification history**

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

AHCPGD2XX	Plant trees and shrubs
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to manually plant trees and shrubs and other containerised and bare-rooted plants, including preparing, inspecting and planting trees and shrubs and completing planting work.</p> <p>The unit applies to individuals who plant trees and shrubs under general supervision with limited autonomy or accountability.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Parks and Gardens (PGD)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for planting operations	1.1 Confirm tree and shrub planting activities with supervisor 1.2 Identify workplace health and safety hazards, assess risks and report to supervisor 1.3 Prepare and use tools and equipment according to supervisor instructions 1.4 Select, fit and use personal protective equipment (PPE) applicable to the task 1.5 Mark out site as directed 1.6 Control competing plants
2. Prepare trees and shrubs for planting	2.1 Water trees and shrubs prior to planting 2.2 Confirm root ball is damp 2.3 Remove trees and shrubs from containers
3. Inspect plants and report problems	3.1 Inspect plant and root ball 3.2 Report dry, water repellent and loose root balls 3.3 Report the presence of symptoms of pests or disease 3.4 Apply root treatments as directed
4. Install trees, shrubs and/or other plants	4.1 Excavate planting holes 4.2 Apply soil treatments and amendments according to supervisor instructions 4.3 Place plants in prepared hole 4.4 Back-fill planting hole and consolidate soil 4.5 Water plants to eliminate air pockets and prevent dehydration 4.6 Install plant protection, stakes and ties as directed 4.7 Apply mulch as directed
5. Complete work	5.1 Dispose of or recycle soil and waste material from the site 5.2 Clean, maintain and store materials, tools and equipment 5.3 Report work outcomes and malfunctions, faults, wear or damage of tools to supervisor

<b>Foundation Skills</b>	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
<b>Skill</b>	<b>Description</b>
Oral communication	<ul style="list-style-type: none"> <li>• Use clear language to report malfunctions, faults, wear or damage to tools</li> <li>• Participate in verbal exchanges to respond to questions and clarify information</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCPGD2XX Plant trees and shrubs Release 1	AHCPGD201 Plant trees and shrubs Release 1	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCPGD2XX Plant trees and shrubs</b>
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**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 planted trees and shrubs on at least three occasions including at least two of the following:

- bare rooted, tube stock, potted or bagged plants

and has:

- applied workplace health and safety requirements
- prepared, used and maintained tree and shrub planting tools, equipment, material and plants
- excavated planting holes
- inspected root ball condition
- applied soil treatments and amendments
- installed plant protection, stakes and ties
- applied mulch
- cleaned up the site and disposed of waste
- reported tree and shrub planting operations and unserviceable tools and equipment.

**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:

- workplace requirements applicable to health and safety in the workplace for planting trees and shrubs, including appropriate use of personal protective equipment (PPE)
- principles and practices for planting trees and shrubs, including:
  - basic plant structure and the physical and nutritional requirements of plants
  - basic botany and plant physiology applicable to planting trees and shrubs
  - factors affecting the timing and method of tree or shrub planting
  - initial establishment needs of young plants
  - types and use of plant protection
  - mulches and fertilisers
  - planting techniques relating to specific species
  - soil amelioration techniques
  - the effect of adverse outdoor climatic conditions
  - the impact of planting activities on the surrounding environment.

**Assessment Conditions**

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

- physical conditions:
  - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - materials, tools and equipment applicable to planting trees and shrubs
  - trees and shrubs
  - tree protection material
  - PPE applicable planting trees and shrubs
- specifications:
  - workplace requirements applicable to health and safety in the workplace and planting trees and shrubs
- relationships:
  - supervisor
- timeframes:
  - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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