



Australian Government

AHCPGD210 Transplant shrubs and small trees

Release: 1

AHCPGD210 Transplant shrubs and small trees

Modification History

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

Application

This unit of competency describes the skills and knowledge required to transplant shrubs and small trees without the use of lifting machinery or equipment, including preparing for shrub or small tree removal, removing and replanting shrub or small tree, and completing work.

The unit applies to individuals who transplant shrubs and small trees under general supervision with limited autonomy or accountability.

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

Pre-requisite Unit

Nil

Unit Sector

Parks and Gardens (PGD)

Elements and Performance Criteria

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 tree or shrub removal	1.1 Confirm transplanting instructions and activities with supervisor 1.2 Identify workplace health and safety hazards, assess risks and report to supervisor 1.3 Confirm with supervisor location of underground and above ground services 1.4 Prepare and use tools and equipment appropriate to the task 1.5 Select, fit and use personal protective equipment (PPE) applicable

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to the task
2. Prepare tree or shrub and undertake earthworks for removal	2.1 Prepare crown as required by species and time of removal 2.2 Clear and water site prior to transplanting 2.3 Confirm root ball width and depth with supervisor to ensure root system can colonise new ground
3. Remove tree or shrub from original site	3.1 Excavate soil around the root zone 3.2 Prune tree roots where required 3.3 Stabilise tree as root system is undercut and apply anti-transpirants as a root soak or foliar spray to ensure viability of plant is maintained 3.4 Bind root ball with appropriate material to ensure adequate soil is retained and kept moist prior to transportation and installation 3.5 Lift tree and secure for potential storage or transportation using safe manual lifting techniques 3.6 Prepare and handle tree or shrub to minimise damage during handling and transportation
4. Replant tree or shrub in new environment	4.1 Provide appropriate drainage to ensure root system survival is maintained according to the needs of the species and conditions of planting site 4.2 Modify soil according to the cultural requirements of species 4.3 Plant tree or shrub in prepared hole 4.4 Install plant support devices as directed 4.5 Apply mulch as directed
5. Complete work	5.1 Maintain transplanted plant with regular aftercare activities appropriate to requirements of the species 5.2 Remove and dispose of or recycle rubbish and plant waste material 5.3 Clean, maintain and store tools and equipment 5.4 Report work outcomes and malfunctions, faults, wear or damage of tools to supervisor

Foundation Skills

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.

Skill	Description
Oral Communication	• Use clear language to report malfunctions, faults, wear or damage to tools • Participate in verbal exchanges to respond to questions and clarify information

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPGD210 Transplant shrubs and small trees	AHCPGD204 Transplant small trees	Title change Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPGD210 Transplant shrubs and small trees

Modification History

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

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 transplanted shrubs and small trees on at least two separate occasions and has:

- prepared for tree or shrub removal
- identified and reported workplace health and safety hazards
- fitted and used personal protective equipment (PPE)
- prepared, used and maintained small tree and shrub transplanting tools and equipment
- prepared crown, root ball and earthworks
- pruned roots where appropriate
- removed tree or shrub from original site
- prepared new environment
- transplanted tree or shrub in selected site
- installed support devices
- maintained transplanted specimen
- cleaned up the site and disposed of or recycled 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:

- principles and practices of transplanting trees, including:
 - causes of damage or drying-out of trees and shrubs, and prevention methods
 - basic physiology applicable to transplanting shrubs and small trees
 - correct and safe use and care of tools and equipment
 - factors affecting the timing and method of lifting trees and shrubs
 - techniques of securing and anchoring transplanted trees and shrubs

- transportation, manual handling and lifting techniques applicable to transplanting shrubs and small trees
- AS4373-2007 Pruning of amenity trees
- methods of disposing of waste to minimise damage to the environment
- workplace requirements applicable to health and safety in the workplace for transplanting shrubs and small trees, including appropriate use of PPE.

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 transplanting shrubs and small trees
 - shrubs and small trees
 - PPE applicable transplanting shrubs and small trees
- specifications:
 - workplace requirements applicable to health and safety in the workplace and transplanting shrubs and small trees
 - AS4373-2007 Pruning of amenity trees
- 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.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>