



Australian Government

AHCPGD204 Transplant small trees

Release: 1

AHCPGD204 Transplant small trees

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to transplant small trees and shrubs without the use of lifting machinery or equipment.

It applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

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

Parks and gardens (PGD)

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 tree or shrub removal	1.1 Confirm transplanting instructions confirmed with the supervisor 1.2 Identify work health and safety hazards and report to the supervisor 1.3 Locate all underground services as outlined by supply authorities 1.4 Prepare and use tools and equipment appropriate to the task being undertaken 1.5 Select and use suitable personal protective equipment (PPE)
2. Prepare tree or shrub and undertake	2.1 Prepare crown as required by the species and time of removal

Element	Performance criteria
earthworks for removal	2.2 Clear and water site prior to transplanting 2.3 Confirm root ball width and depth with the supervisor to ensure the root system can colonise new ground, depending on the needs of the species and size of the specimen
3. Remove tree or shrub from original site	3.1 Excavate the soil around the root zone 3.2 Prune tree roots where required to meet the appropriate Australian Standard 3.3 Stabilise tree as the root system is undercut and apply anti-transpirants as a root soak or foliar spray to ensure viability of the 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 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 the planting site 4.2 Modify soil according to the cultural requirements of the species 4.3 Plant tree or shrub in prepared hole 4.4 Install plant support devices as instructed
5. Complete transplant operation	5.1 Maintain transplanted plant with regular aftercare activities appropriate to the requirements of the species 5.2 Clean, maintain and store tools and equipment 5.3 Collect waste and dispose of or recycle to minimise damage to the external environment 5.4 Maintain records of transplant

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 AHCPGD204A Transplant small trees.

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 AHCPGD204 Transplant small trees

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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.

The candidate must provide evidence that they can:

- identify and report site and tree hazards
- prepare for tree or shrub removal
- prepare crown, root ball and earthworks
- prune roots where appropriate
- use tools and equipment in a safe and effective manner
- remove tree or shrub from original site
- transplant tree or shrub in selected site
- maintain transplanted specimen
- install support devices

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of transplanting trees
 - causes of damage or drying-out of trees and shrubs, and prevention methods
 - factors affecting the timing and method of lifting trees and shrubs
 - techniques of securing and anchoring transplanted trees and shrubs
 - the effect of adverse outdoor climatic conditions, such as rain, hail, or very high ultraviolet radiation, which may prevent or impede transplanting operations
 - transference of soil or root-borne diseases
 - transplanting practices associated with different soil types and relationships to plant care
 - trees and shrubs that are most suited to transplanting

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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