

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCPGD204	Transplant small trees
Application	<p>This unit of competency describes the skills and knowledge required to transplant small trees and shrubs without the use of lifting machinery or equipment, including preparing for tree or shrub removal, removing and replanting tree or shrub and completing transplant work.</p> <p>The unit applies to individuals who transplant small trees and shrubs work under general supervision and exercise with limited autonomy with some or accountability for their own work. They undertake defined activities and work in a structured context.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	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 tree or shrub removal	1.1 Confirm transplanting instructions and activities confirmed with the supervisor 1.2 Identify work place health and safety hazards, assess risks 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 fit and use suitable personal protective equipment (PPE) applicable to the task
2. Prepare tree or shrub and undertake earthworks for removal	2.1 Prepare crown as required by the species and time of 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 according to appropriate Australian Standard where required 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

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
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 directed
5. Complete transplant operation work	5.1 Maintain transplanted plant with regular aftercare activities appropriate to the requirements of the species 5.2 Dispose of or recycle waste material from site Clean, maintain and store tools and equipment 5.3 Clean, maintain and store tools and equipment Collect waste and dispose of or recycle to minimise damage to the external environment 5.4 RMaintain record and report work outcomes and malfunctions, faults, wear or damage of tools to supervisors of transplant

Foundation Skills	
<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>	
Skill	Description
Writing	<ul style="list-style-type: none"> Use clear language, accurate industry terminology and logical structure to record transplanting activity
Oral Communication	<ul style="list-style-type: none"> 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
AHCPGD204 Transplant small trees Release 2	AHCPGD204A Transplant small trees Release 1	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCPGD204 Transplant small trees
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual can<u>has transplanted small trees on at least two occasions and has:</u></p> <ul style="list-style-type: none"> • <u>identified and reported workplace health and safety hazards</u> • <u>applied workplace health and safety requirements</u> • <u>prepared, used and maintained small tree and shrub transplanting tools and equipment</u>identify and report site and tree hazards • prepared<u>d</u> for tree or shrub removal • prepared<u>d</u> crown, root ball and earthworks • pruned<u>d</u> roots where appropriate • use tools and equipment in a safe and effective manner • removed<u>d</u> tree or shrub from original site • transplanted<u>d</u> tree or shrub in selected site • maintained<u>d</u> transplanted specimen • installed<u>d</u> support devices • <u>cleaned up the site and disposed of waste</u> • <u>reported tree and shrub planting operations and unserviceable tools and equipment.</u> 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • <u>workplace requirements applicable to health and safety in the workplace for transplanting small trees and shrubs, including appropriate use of personal protective equipment (PPE)</u> • principles and practices of transplanting trees, <u>including:</u> <ul style="list-style-type: none"> • 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	
<p><u>Assessment of the skills in this unit of competency must take place under the following conditions:</u></p> <ul style="list-style-type: none"> • <u>physical conditions:</u> <ul style="list-style-type: none"> • <u>a workplace setting or an environment that accurately represents workplace conditions</u> • <u>resources, equipment and materials:</u> <ul style="list-style-type: none"> • <u>materials, tools and equipment applicable to transplanting small trees and shrubs</u> • <u>PPE applicable transplanting small trees and shrubs</u> • <u>specifications:</u> <ul style="list-style-type: none"> • <u>workplace requirements applicable to health and safety in the workplace and transplanting small trees and shrubs</u> • <u>relationships:</u> <ul style="list-style-type: none"> • <u>supervisor</u> • <u>timeframes:</u> <ul style="list-style-type: none"> • <u>according to job requirements.</u> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	

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