AHCLSC314 Implement a tree transplanting program

Release: 1

AHCLSC314 Implement a tree transplanting program

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 implement a tree transplanting program, including preparing and implementing tree transplantation, maintaining transplanted tree health, checking and cleaning up site.

The unit applies to individuals who implement a tree transplanting program under broad direction, and take responsibility for their own work and for the quality of the work of others.

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

Pre-requisite Unit

Nil

Unit Sector

Landscape (LSC)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare for tree transplantation	1.1 Interpret site plans and specifications
	1.2 Identify potential hazards and risks, and implement safe working practices to manage risks
	1.3 Liaise with local authorities and information services to determine location of services and utilities, local by-laws and regulations governing transplanting and transportation of trees
	1.4 Inspect tree to ensure appropriate transplanting operations are

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	implemented
	1.5 Select tools, equipment and machinery required to implement tree transplanting and check for safe operation
	1.6 Select, fit use and maintain personal protective equipment (PPE) applicable to the task
	1.7 Select, prepare and use root ball and crown treatments according to requirements of species to ensure tree remains viable throughout transplanting process
	1.8 Notify local residents and authorities where necessary as part of preparing site for transplanting activities
	1.9 Confirm assets, property and vegetation related to work zone activities are protected, relocated, or secured from potential damage during transplanting
2. Implement transplanting operations	2.1 Excavate soil around root zone and undercut root ball with minimum stress to plant
	2.2 Prune roots where required to meet the appropriate Australian standard
	2.3 Stabilise tree as root system is undercut and apply anti-transpirants as a root soak or foliar spray to maintain viability of the plant
	2.4 Bind root ball with appropriate material to ensure adequate soil is retained and keep moist prior to transportation and installation
	2.5 Lift tree and secure for potential storage or transportation using safe lifting techniques
	2.6 Prepare and handle tree or shrub to minimise damage during transportation
	2.7 Implement appropriate drainage and soil improvements
	2.8 Re-install and stabilise the tree
3. Maintain health and viability of transplanted tree	3.1 Apply water to transplanted tree over a sustained period to minimise leaf loss and promote new growth
	3.2 Apply anti-transpirants and provide nutritional requirements of species
	3.3 Install tree protection devices to provide adequate support and protection
	3.4 Monitor tree condition and site to ensure plant remains healthy

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
4. Check quality of work and clean-up site	4.1 Clean, maintain and store tools, equipment and machinery 4.2 Identify and report unserviceable tools, equipment and machinery according to workplace procedures 4.3 Record completed transplanting program and report to management or the client

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 and industry standard terminology to report tool, equipment and machinery unserviceability

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSC314 Implement a tree transplanting program	AHCLSC310 Implement a tree transplanting program	Major 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

Skills Impact