



Australian Government

AHCLSC503 Manage a tree transplanting program

Release: 1

AHCLSC503 Manage a tree transplanting program

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to manage a tree transplanting program.

This unit applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Landscape (LSC)

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. Assess the sites and trees	1.1 Undertake site assessments to identify site conditions which may impact upon transplanting activities at the lifting site and the transplant site 1.2 Identify work health and safety hazards, assess risks and implement suitable controls 1.3 Liaise with authorities and information services to determine location of services and utilities, and regulations governing the

Element	Performance criteria
	transplanting and transportation of trees 1.4 Assess trees for viability for transplanting to ensure the best time and conditions are chosen according to tree species characteristics
2. Determine transplanting requirements	2.1 Identify the appropriate tools, equipment, machinery and specialist contractors 2.2 Identify the tree species to be transplanted 2.3 Determine excavation methods and root ball preparation according to the characteristics of the species 2.3 Determine crown reduction and protection tasks according to the characteristics of the species and the appropriate Australian Standard 2.4 Calculate root ball and tree mass to determine appropriate lifting and transport requirements 2.5 Coordinate labour requirements to ensure trees are prepared, lifted, transported and re-installed with minimum stress to the trees, and with regard to safety and environmental factors 2.6 Identify a transport route with regard to the size and shape of the tree and road transport vehicle requirements 2.7 Determine and document an aftercare plan outlining monitoring frequency and methods to maintain the health and viability of the transplanted trees in the program
3. Document a tree transplanting program	3.1 Document the transplanting program 3.2 Document resources and costing details 3.3 Communicate transplanting program for implementation 3.4 Assess completed tree transplanting program to ensure that transplantation was undertaken according to the identified program and budget guidelines

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 AHCLSC503A Manage a tree transplanting program.

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 AHCLSC503 Manage a tree transplanting program

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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. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- assess tree viability for transplantation
- liaise with authorities and information services regarding transplanting and transporting trees
- calculate project resources and costs
- calculate root ball and tree mass and size
- assess crown and root reduction requirements
- determine transplant and transportation requirements and removal methods
- develop transport plan
- develop a budget
- document and communicate transplanting program, contingency planning and after-care plan
- assess and control risks

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the principles and practices of tree transplanting management
- aftercare management
- causes of stress in trees resulting from resulting from transplanting, storage and transportation
- current practices and techniques in tree preparation, lifting, transportation and replanting
- local government tree protection and preservation regulations
- methods of managing tree moving operations
- planning considerations and environmental implications of transplanting activities
- requirements for securing and signing trees for road transportation

- the relevant Australian Standards and Codes of Practice
- tree anatomy, physiology and biochemistry
- tree transplanting techniques appropriate to the specific requirements of the species

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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