



Australian Government

AHCARB321 Implement a tree protection program

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to identify trees in need of temporary protection and implement a protection program according to specifications.

The unit applies to individuals who work in arboriculture under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.

The arboriculture industry requires that all tree protection work is undertaken according to preferred industry practices (as outlined in the Companion Volume), including Australian Standard AS4970.

Legislation, regulations and by-laws relating to the treatment and removal of trees apply in some states and territories.

Pre-requisite Unit

Nil

Unit Sector

Arboriculture (ARB)

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. Determine implementation requirements of the tree protection program	1.1 Receive and interpret tree protection plan and specifications 1.2 Undertake a site-specific job safety analysis (JSA), record and implement control measures according to workplace safety procedures 1.3 Confirm availability of first aid equipment and emergency

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	procedures 1.4 Identify and access tools, equipment and materials required to implement program 1.5 Determine, schedule and allocate tasks to work team, allowing for contingencies
2. Prepare site for tree protection	2.1 Identify location of tree protection zone from site plan 2.2 Select, prepare, and carry out pre-operational and safety checks, on tools, equipment and machinery 2.3 Select, check and use personal protective equipment 2.4 Survey the tree protection zone and delineate specified boundaries according to workplace procedures 2.5 Install protective barriers and signage according to tree protection plan
3. Install tree protection measures	3.1 Identify requirements for trunk, branch and root protection from tree protection plan 3.2 Select and assemble materials and equipment required to install tree protection measures 3.3 Construct and install protection measures specified in the program 3.4 Inspect completed protection measures and take remedial action where out-of-specification
4. Monitor protection program	4.1 Monitor tree health during scheduled program period 4.2 Assess effectiveness of protection measures during the scheduled period 4.3 Implement remedial action where tree health has been compromised 4.4 Dismantle and remove protection measures and fencing at conclusion of scheduled period 4.5 Clean, maintain and store tools and equipment according to workplace procedures 4.6 Update records and report tree protection outcomes according to workplace procedures

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
Reading	Interpret and consolidate information from plans and specifications for design requirements to prepare for the installation of tree support systems
Writing	Accurately complete organisational documents, including job safety analysis (JSA), using clear language, correct spelling and grammar, and industry terminology
Numeracy	Interpret and calculate numerical information from specifications to determine the size and dimensions of materials required to construct tree protection systems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB321 Implement a tree protection program	AHCARB309 Implement a tree protection program	Performance criteria clarified 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>