



Australian Government

AHCARB314 Implement a tree maintenance 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 a tree species and assess the health and condition in order to develop, implement and schedule a tree maintenance program and treatments according to safety and environmental procedures.

The unit applies to individuals who work under broad direction in arboriculture 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 maintenance work is undertaken according to preferred industry practices (as outlined in the Companion Volume).

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. Undertake site assessment of trees	1.1 Undertake a site-specific job safety analysis (JSA) and record and implement site-specific control measures 1.2 Perform a site assessment and liaise with client to identify conditions that may impact upon the health of trees on site

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify genus and species of trees 1.4 Recognise signs of stress according to the characteristics of species 1.5 Recognise causes of stress according to characteristics of species 1.6 Assess abiotic factors affecting health of trees and impact on growth 1.7 Assess biotic factors affecting health of trees and impact on growth 1.8 Record and report results of site assessment according to workplace procedures
2. Prepare tree maintenance program	2.1 Identify maintenance requirements for trees according to identified health issues 2.2 Select treatments for identified maintenance requirements 2.3 Identify environmental implications for identified treatments 2.4 Document a maintenance program using requirements, treatments and environmental implications
3. Undertake treatment program	3.1 Select tools, equipment and machinery required for treatment 3.2 Conduct pre-operational checks and calibrate equipment and machinery according to manufacturer instructions 3.3 Select, check and use personal protective equipment 3.4 Implement workplace health, safety, environmental and traffic control procedures according to JSA 3.5 Apply treatments according to maintenance plan and environmental procedures and industry best practice 3.6 Maintain growing environment according to species cultural requirements
4. Complete treatment program activities	4.1 Dispose of waste according to workplace and environmental procedures 4.2 Clean and sanitise equipment according to biosecurity procedures 4.3 Clean and store personal protective equipment 4.4 Determine schedule for follow-up treatments and communicate to work team 4.5 Maintain records and report work outcomes according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	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
Writing	Use clear language and correct concepts and terminology to ensure clarity of meaning when reporting and recording work outcomes
Numeracy	Calculate volume, weight and ratio for determining and applying treatments to trees

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB314 Implement a tree maintenance program	AHCARB301 Implement a tree maintenance program	Prerequisite units removed 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>