



**Australian Government**

# **AHCARB313 Identify trees**

**Release: 1**

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## AHCARB313 Identify trees

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### Application

This unit of competency describes the skills and knowledge required to identify trees and their environmental and social benefits.

This unit applies to individuals who undertake defined activities with appropriate methods, tools and information, work in a structured context, apply knowledge and skills to demonstrate limited autonomy and judgement, and provide solutions to a limited range of predictable problems. Work is implemented with low risk work procedures and to comply with Safe Work Method Statement documentation.

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

Arboriculture (ARB)

### 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. Inspect tree features	1.1 Inspect the form, structures and local environment of tree 1.2 Examine and describe tree morphology in botanical terms 1.3 Describe leaf morphology for shape, colour and size 1.4 Examine and record features of buds, petiole, branchlets, branches and bark 1.5 Examine and record flower characteristics 1.6 Examine and record fruit type and characteristics

<b>Element</b>	<b>Performance criteria</b>
	1.7 Use all relevant available senses to assist in tree identification 1.8 Record useful and key identifying attributes of tree parts
2. Inspect tree condition	2.1 Inspect tree canopy and structures for general health and condition 2.2 Use observations to recognise signs and symptoms of diseases, pests or deficiencies that assist in identification of tree 2.3 Record relevant data and identify tree where possible at this stage
3. Identify tree	3.1 Compare tree samples to images to recognise genus and species where possible 3.2 Select and use research, reference materials and field guides to define closer identification 3.3 Use taxonomic keys to analyse specific characteristics of tree to identify species and cultivar where possible
4. Identify tree benefits	4.1 Examine tree for existing habitat use and food source supply 4.2 Identify environmental benefits provided by tree in current location 4.3 Rate performance of tree in its current condition in terms of environmental and social benefits 4.4 Identify and describe value of benefits to the client and community
5. Report on results	5.1 Record identification achieved 5.2 Highlight key identifying features observed in the process 5.3 Inform the client or organisation of the results of the identification process

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

New unit - no equivalent.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>