



**Australian Government**

# **AHCARB319 Use arborist climbing techniques**

**Release: 1**

# AHCARB319 Use arborist climbing techniques

## 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 climb trees with ropes, harnesses and specialist equipment using climbing techniques for the purpose of mobility in the canopy of trees to acquire a safe work position.

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 climbing work is undertaken according to preferred industry practices (as outlined in the Companion Volume).

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

## 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. Prepare site and inspect equipment	1.1 Confirm access to site and scope of works according to workplace procedures 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 and rescue personnel, equipment

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>and procedures</p> <p>1.4 Conduct pre-operational preparations and safety checks, on ropes, harnesses, tools and equipment</p> <p>1.5 Select, check and use personal protective equipment</p>
2. Prepare to access tree	<p>2.1 Inspect tree to determine efficient safe access route and method through discussion with work team</p> <p>2.2 Select and prepare climbing equipment according to manufacturer instructions, work health and safety regulations and industry standards</p> <p>2.3 Configure climbing equipment components to form functional tree climbing system appropriate to the access method selected</p> <p>2.4 Tie, dress, set and finish climbing knots and hitches according to climbing system requirements</p> <p>2.5 Sharpen, prepare and fit climbing spurs and gaffs for dismantling work</p> <p>2.6 Conduct pre-climb checks of configured systems to ensure compatibility, safety and function according to climbing system, industry standards and manufacturer instructions</p>
3. Access and work position within tree	<p>3.1 Select suitable anchor points according to load bearing and access requirements</p> <p>3.2 Install low-risk anchor points using throw lines</p> <p>3.3 Inspect and test remotely installed anchor points are secure before use</p> <p>3.4 Ascend tree and access work positions within tree crown using climbing systems appropriate for work task and tree structure</p> <p>3.5 Configure and use components within functional climbing systems for ascending trees and work positioning</p> <p>3.6 Access work positions within tree crown by using climbing techniques for both pruning and dismantling work tasks</p> <p>3.7 Communicate with work team during operations according to work site and environmental conditions using methods agreed with work team</p> <p>3.8 Observe and maintain safe clearance from hazards and climbing and rigging equipment</p> <p>3.9 Maintain awareness and clearances for avoiding electrical power lines according to workplace safety procedures</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Descend from tree	4.1 Descend tree using climbing equipment in a controlled manner 4.2 Remove all climbing equipment safely in a controlled manner according to manufacturer instructions 4.3 Inspect, clean, maintain and store climbing and safety equipment according to manufacturer instructions

## 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	<ul style="list-style-type: none"><li>Accurately complete organisational documents, including job safety analysis and records</li></ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB319 Use arborist climbing techniques	AHCARB307 Undertake advanced tree climbing	Title changed Prerequisite units removed Elements and performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent
AHCARB319 User arborist climbing techniques	AHCARB311 Tie, dress, set and finish arborist knots	Some content is covered in this redesigned unit	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>