



Australian Government

AHCARB318 Undertake aerial rescue

Release: 1

AHCARB318 Undertake aerial rescue

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 perform an aerial rescue where an injured or trapped climber is safely brought to ground from the tree. It is likely to be undertaken in an emergency situation.

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 tree rescue 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

The prerequisite units of competency for this unit are:

- HLTAID003 Provide first aid
- AHCARB319 Use arborist climbing techniques.

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. Plan for aerial rescue	1.1 Confirm emergency communication system is working 1.2 Confirm emergency services contact numbers are documented

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 Select, prepare and check first aid equipment and rescue kit 1.4 Position rescue and first aid equipment for easy access 1.5 Clarify own role in rescue situations 1.6 Confirm first aid, rescue personnel and equipment with work team prior to undertaking rescue 1.7 Select, check and use personal protective equipment 1.8 Communicate with work team during operations using agreed communication method for the site and activity being undertaken
2. Assess and respond to an aerial emergency situation	2.1 Follow emergency response protocol according to workplace and industry procedures 2.2 Stop all work activity and ensure other workers are aware of the incident 2.3 Attempt communication with casualty 2.4 Activate emergency plan and request assistance from work team and public in accordance with rescue plan 2.5 Obtain emergency assistance according to rescue plan 2.6 Inspect site and tree for hazards associated with rescue, assess risks and implement controls 2.7 Assess if rescue can be conducted safely within work team capability 2.8 Seek assistance from emergency rescue services when safe rescue is not possible
3. Access tree to undertake rescue	3.1 Select low-risk access methods to access tree and undertake rescue 3.2 Maintain inspection of tree for above-ground hazards during ascent and throughout the rescue 3.3 Maintain communication with casualty and ground crew 3.4 Select and install suitable anchor points before reaching casualty 3.5 Install redirects to ensure good rope angle when reaching casualty
4. Assess casualty condition and system integrity	4.1 Ensure rescuer is secure before approaching casualty 4.2 Assess the security of casualty attachment in tree and secure if deemed unstable 4.3 Assess seriousness of condition of casualty according to first aid

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 and risk assessment 4.4 Assess integrity of casualty climbing system to determine its suitability for lowering the casualty 4.5 Administer first aid above ground according to first aid procedures and risk assessment 4.6 Apply first aid protocols for casualties with possible neck or spinal injuries and await expert medical attention 4.7 Maintain communications with ground crew
5. Lower casualty to ground	5.1 Inform casualty of lowering procedure 5.2 Prepare casualty for descent in accordance with first aid, rescue plan and risk assessments 5.3 Select and implement rescue technique relative to rescue and emergency situation and casualty condition 5.4 Descend tree safely in a controlled manner 5.5 Lower casualty safely to ground with support of ground crew according to emergency conditions
6. Complete rescue operations	6.1 Administer first aid on ground according to casualty condition until emergency services arrive 6.2 Transfer responsibility of casualty to emergency services on their arrival 6.3 Isolate equipment involved in incident for potential investigation and prevent reuse until checked 6.4 Complete incident report and notify affected parties according to organisational procedures and regulatory requirements

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	Accurately record and complete incident reports and workplace records

Skill	Description
Oral communication	• Explain detailed information to emergency services and rescue team • Communicate effectively with casualty and with other crew members involved in rescue
Get the work done	• Accept responsibility and ownership for conducting the rescue, and make decisions on rescue parameters and coordination of others

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB318 Undertake aerial rescue	AHCARB306 Undertake aerial rescue	Prerequisite units changed Element added Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent
AHCARB318 Undertake aerial rescue	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>