AHCARB306 Undertake aerial rescue

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to perform an aerial rescue where an injured or unconscious person is safely brought to the ground from a tree or elevated work platform (EWP).

The unit applies to Arborists preparing and planning for the coordination and execution of rescue operations and the implementation of safety and first aid requirements.

Aerial rescue is likely to be undertaken in emergency situations with little or no supervision. It involves working closely with other members of a team to ensure the safety of all personnel and the public during a rescue operation. This unit applies to individuals who have a range of skills to select and apply a specialised range of methods, tools, materials and information to complete routine activities and provide and transmit solutions to predictable and sometimes unpredictable problems.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction. Specific determination should be sought through the relevant State or Territory. Works involving this unit of competency may be subject to local tree protection and preservation laws, and the relevant content of applicable Australian Standards.

Pre-requisite Unit

The prerequisite units of competency for this unit are:

- HLTAID003 Provide first aid
- AHCARB310 Perform aerial rigging.

Note the following chain of prerequisites that also applies to this unit of competency.

Unit of competency	Prerequisite requirement
AHCARB310 Perform aerial rigging	AHCARB207 Perform ground based rigging* AHCARB307 Use advanced climbing techniques* OR TLILIC2005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more)
AHCARB207 Perform ground based rigging	AHCARB311 Tie, dress, set and finish arborist knots
AHCARB307 Use advanced climbing techniques	AHCARB312 Use standard climbing techniques to access trees*
AHCARB312 Use standard climbing techniques to access trees	AHCARB311 Tie, dress, set and finish arborist knots

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. Plan for aerial rescue	1.1 Undertake a site-specific risk assessment by identifying work health and safety hazards and assessing risk 1.2 Confirm emergency communication system is working 1.3 Confirm emergency services contact numbers are documented 1.4 Select, prepare and check first aid equipment and rescue kit 1.5 Position rescue and first aid equipment for easy access 1.6 Clarify own role in rescue situations 1.7 Confirm first aid, rescue personnel, equipment and rescue plan procedures with work team prior to undertaking work

Element	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	1.8 Select and use personal protective equipment 1.9 Communicate with work team during operations using voice, hand and whistle signals
2. Assess and respond to an aerial emergency situation	2.1 Attempt communication with casualty 2.2 Activate emergency plan and request assistance from work team and public in accordance with rescue plan 2.3 Identify hazards associated with rescue, assess risks and implement suitable controls 2.4 Determine presence of live electrical wires or apparatus that will interfere with ability to access casualty and take appropriate action 2.5 Apply 'Safe Approach Distance' measures to live electrical situations 2.6 Use appropriate access equipment to carry out rescue in accordance with rescue plan 2.7 Maintain communication with casualty
3. Assess nature of injury	3.1 Secure rescuer safely 3.2 Secure casualty 3.3 Assess injuries to determine whether or not to move casualty based on first aid procedures and risk assessment 3.4 Apply first aid that can be performed above ground, as required 3.5 Support, but do not move, a casualty with possible neck or spinal injuries and await expert medical treatment 3.6 Maintain communications with ground crew
4. Lower casualty to ground	4.1 Inform casualty of lowering procedure 4.2 Prepare casualty for descent in accordance with first aid, rescue plan and risk assessments 4.3 Descend tree safely in a controlled manner 4.4 Lower casualty safely to ground with support of ground crew
5. Complete rescue operations	5.1 Apply first aid on ground as needed

Element	Performance Criteria
Elements describe the essential *outcomes.*	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	5.2 Obtain emergency assistance as required
	5.3 Isolate equipment involved in accident for potential investigation and prevent reuse until checked
	5.4 Remove all equipment in a controlled manner
	5.5 Clean and store equipment
	5.6 Clean and store personal protective equipment
	5.7 Maintain records of aerial rescue in appropriate format

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.

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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB306 Undertake aerial rescue Release 2	AHCARB306 Undertake aerial rescue Release 1	Minor typographical errors corrected	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72