

**Modification history**

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

AHCARB209	Assist with aerial rescue from the ground
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to assist with an aerial rescue where an injured person is in a tree or on an elevated work platform (EWP). The rescue is undertaken in an emergency situation involving team-work to ensure the safety of personnel and public during the rescue.</p> <p>The unit applies to individuals working in a broad range of job contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.</p> <p>Legislation, regulations and by-laws relating to the treatment and removal of trees apply nationally and in some states, territories and jurisdictions.</p>
<b>Prerequisite Unit</b>	HLTAID003 Provide first aid
<b>Unit Sector</b>	Arboriculture (ARB)

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 rescue work	1.1 Confirm emergency communication system is working 1.2 Confirm emergency services contact numbers are documented 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 roles and responsibilities within the work team during rescue 1.6 Confirm first aid, rescue personnel, equipment and rescue plan procedures 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
2. Assist in rescue procedure	2.1 Follow emergency response protocol according to workplace and industry procedures 2.2 Stop work activity and ensure other workers are aware of incident 2.3 Attempt communication with casualty/climber 2.4 Activate emergency plan and request assistance from work team and public in accordance with rescue plan 2.5 Inspect site and tree for hazards associated with rescue, assess risks and implement controls 2.6 Assess if assistance for rescue can be conducted safely within work team capability 2.7 Seek assistance from emergency services when safe rescue is not possible

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Monitor and maintain a safe incident site	3.1 Assess and warn rescue team of safe approach distances to overhead power for climber/casualty and equipment 3.2 Maintain inspection of tree for above-ground hazards throughout the rescue 3.3 Assess and maintain the stability and security of ground equipment throughout the rescue 3.4 Maintain communication with climber/casualty, rescue team and emergency personnel
4. Assist in aerial rescue of climber/casualty	4.1 Provide and install rigging and rescue equipment requested by the rescue team or climber 4.2 Use equipment controls and rigging systems to keep ropes and equipment clear and free from impediments 4.3 Monitor rescue route and provide feedback to rescuer and climber 4.4 Inform climber/casualty of lowering procedure and lower casualty to safety
5. Apply first aid	5.1 Assess the health and condition of climber/casualty according to first aid procedures 5.2 Administer first aid on ground according to casualty condition until emergency services requirements 5.3 Transfer responsibility of casualty to emergency services on their arrival
6. Complete rescue work	6.1 Secure worksite and control entry until authorities inspect and release site 6.2 Isolate equipment involved in incident for potential investigation and prevent reuse until checked 6.3 Complete incident report and notify affected parties according to organisational procedures and regulatory requirements 6.4 Clean and store rescue and personal protection equipment

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
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<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCARB209 Assist with aerial rescue from the ground	AHCARB209 Assist with aerial rescue from the ground	Deleted and modified Elements and combined Performance Criteria for brevity and clarity	Equivalent unit

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

<b>TITLE</b>	<b>Assessment requirements for AHCARB209 Assist with aerial rescue from the ground</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has :</p> <ul style="list-style-type: none"> <li>• confirmed emergency communications and emergency services are working and available</li> <li>• selected, checked and made available safety equipment, rescue kit and personal protective equipment</li> <li>• clarified roles and responsibility for rescue</li> <li>• confirmed first aid, rescue personnel, equipment and rescue plan procedures prior to undertaking rescue</li> <li>• selected, checked and used personal protective equipment</li> <li>• maintained communication with work team and casualty/climber throughout the rescue</li> <li>• followed workplace and industry emergency response protocols</li> <li>• stopped work activities and attempted to communicate with casualty/climber</li> <li>• activated emergency plan and requested assistance</li> <li>• assessed hazards and risks and implemented controls for site and tree</li> <li>• determined if rescue can be performed safely</li> <li>• sought assistance from emergency services where safety is compromised</li> <li>• maintained a safe rescue environment by monitoring rescue activity, safe approach to power lines, above ground hazards, stability and security of equipment</li> <li>• installed rigging and rescue equipment required by rescue team</li> <li>• used equipment controls and rigging systems to ensure ropes and equipment were free from impediments</li> <li>• monitored rescue access route and coordinated with rescuer/climber</li> <li>• communicated lowering procedure to climber/casualty</li> <li>• assessed the health and condition of climber/casualty and administered first aid according to procedures</li> <li>• secured incident site and isolated equipment involved in incident for potential investigation and preventing re-use until checked</li> <li>• completed incident report and notified affected parties according to emergency procedures</li> <li>• cleaned and stored rescue and personal protection equipment.</li> </ul>	

<b>Knowledge Evidence</b>	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> <li>• emergency procedures to assist in ground-based rescues of EWP and climbing workers including:             <ul style="list-style-type: none"> <li>• hazard identification methods</li> <li>• risk assessment systems</li> <li>• Safe Approach Distances</li> <li>• recognition of live electrical wires or apparatus</li> <li>• electrical wires and apparatus safety</li> <li>• emergency plans and implementation</li> <li>• what constitutes an emergency and how to deal with it</li> </ul> </li> <li>• first aid procedures including:             <ul style="list-style-type: none"> <li>• first response actions</li> <li>• contents of a first aid kit</li> <li>• use of a first aid kit</li> </ul> </li> <li>• communications during an emergency including:             <ul style="list-style-type: none"> <li>• working with emergency services</li> <li>• on site emergency communications systems</li> </ul> </li> <li>• rescue equipment its placement and use including:             <ul style="list-style-type: none"> <li>• rescue kits</li> <li>• rescue personnel, equipment and rescue plan procedures</li> </ul> </li> </ul>	

<b>Knowledge Evidence</b>
<ul style="list-style-type: none"> <li>• ground based rigging systems for rescue</li> <li>• rigging operations to secure casualty/climber and control descent</li> <li>• equipment operations for incidents involving elevated work platform (EWP) including:                             <ul style="list-style-type: none"> <li>• stabilising equipment</li> <li>• basic controls for controlling the boom and cage</li> <li>• lowering mechanisms and operations</li> <li>• securing EWP components</li> </ul> </li> <li>• safety during rescue operations including:                             <ul style="list-style-type: none"> <li>• controlling risk to rescuer, climber or casualty during rescue operations</li> <li>• personal protective equipment</li> </ul> </li> <li>• mandatory and workplace records and reporting for rescue emergencies.</li> </ul>

<b>Assessment Conditions</b>
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions:                             <ul style="list-style-type: none"> <li>• access to tree with climber or EWP operator in need of aerial rescue or environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials:                             <ul style="list-style-type: none"> <li>• rescue kit</li> <li>• lowering and friction devices</li> <li>• rescue dummy</li> <li>• harnesses, rigging equipment</li> <li>• emergency communications equipment</li> <li>• personal protective equipment (PPE)</li> <li>• first aid and emergency kits</li> </ul> </li> <li>• specifications:                             <ul style="list-style-type: none"> <li>• workplace and manufacturer instructions for safe operation, cleaning and storing of rescue equipment</li> <li>• access to industry standards for aerial rescue</li> <li>• access to emergency rescue plans and procedures</li> </ul> </li> <li>• relationships:                             <ul style="list-style-type: none"> <li>• work team and climber/casualty</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p> <p>In addition, the following specific assessor requirements apply to this unit:</p> <ul style="list-style-type: none"> <li>• arboriculture vocational competencies at least to the level being assessed</li> <li>• current arboriculture industry skills directly relevant to the unit of competency being assessed.</li> </ul>

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