AHCARB312A Climbing Techniques - Standard Form

Prerequisite competency completion		
Has the candidate successfully completed the **prerequisite unit** requirements of AHCARB312 Use standard climbing techniques to access trees?	**Yes/No (Y/N)**	**Signed (Initialled)**
AHCARB311 Tie, dress, set and finish arborist knots		
Required forms completion		
Has the candidate successfully completed the **required forms?**	**Yes/No (Y/N)**	**Signed (Initialled)**
AHCARB312B Standard climbing log record		
AHCARB311 Knot identification form		
AQF 3C Risk assessment form		
AQF 3E Tools and equipment form		
AQF 3F Work operations form		
Note: Hazard identification and risk control, Emergency preparation and Site assessment are incorporated in AQF 3C Risk assessment form. Tree anatomy and Tree physiology are incorporated in AQF 3D Anatomy-physiology-disease form. Equipment and PPE check form is incorporated in AQF 3E Tools and equipment form. Work communications, Work site operations and Work records are incorporated in AQF 3F Work operations form.		
Mandatory Equipment (as a minimum)		
Has each of the mandatory equipment items been used to gather evidence for assessment?	**Yes/No (Y/N)**	**Signed (Initialled)**
standard climbing kit (double line)		
harness		
high decibel whistle		
personal protective equipment (PPE)		
first aid and emergency kit		
rescue kit		
traffic management kit		
trees		

Knowledge Evidence		
Has the candidate successfully completed the **Knowledge Evidence** requirements by demonstrating knowledge of each of the line items below?	**Yes/No (Y/N)**	**Signed (Initialled)**
Climbing - Standard		
climbing equipment/tree access equipment		
harness and lanyard equipment		
selection of climbing equipment, harnesses and lanyards (includes evaluation of component compatibility)		
triple locking carabiners:		
– selecting triple locking carabiners		
– using triple locking carabiners		
climbing knots and hitches		
ropes		
types of climbing ropes:		
– dynamic ropes		
– selection of dynamic rope		
– use of dynamic rope		
rope characteristics:		
– hold, release and grip attributes of rope		
climbing/access/ascension techniques		
standard climbing techniques:		
– tree access techniques		
– tree ascension techniques		
– double rope with prussik technique		
– trunk walking technique		
– foot ascenders technique		
controlled descent operations		
climbing risk assessment		
strength requirements		
suitability requirements		
branch weight		
method of tree access:		
– selection of climbing or EWP access		
estimation of tree height		

low risk access route		
safe working limits		
estimation of load		
safe working limits of ropes		
* It is an industry requirement that assessment included the following item:		
* rope angles and radii		
safe working limits of equipment		
low risk anchor points		
controlled removal of access equipment		

Performance evidence		
Has the candidate successfully demonstrated the **Performance Evidence** requirements of the unit of competency AHCARB312 Use standard climbing techniques to access trees**, and as per listed line items below?**	**Yes/No (Y/N)**	**Signed (Initialled)**
appropriate method for accessing tree – climbing or using an EWP – through discussion with work team		
determining location of above-and-below-ground services		
undertaking a site-specific risk assessment by identifying work health and safety hazards and assessing risk		
confirming first aid and rescue personnel, equipment and procedures		
ensuring work team member present, capable, willing and equipped to assist or perform aerial rescue operations		
preparing and carrying out pre-operational and safety checks, on ropes, harnesses, tools and equipment		
selecting and using personal protective equipment and safety equipment		
recording and implementing work health, safety, site, environmental and traffic control measures		
selecting harness and appropriate equipment for climbing		
inspecting tree to determine low risk access route through discussion with work team and seek feedback		
estimating tree height and load in relation to safe working limits of ropes and equipment		
determining the hold, release and grip attributes of rope		
selecting and using dynamic rope		
selecting and using triple locking carabiners		
tying, dressing, setting and finishing climbing knots and hitches		

communicating with work team during operations using voice, hand and whistle signals		
maintaining awareness of power line clearances		
selecting low risk anchor points in accordance with strength, suitability requirements and branch weight		
accessing and ascending tree using low risk access route with harness and lanyard		
ascending using double rope with prussik technique		
ascending using trunk walking technique and foot ascenders as required		
descending tree in a controlled manner		
removing all access equipment in a controlled manner		
cleaning and storing climbing equipment		
cleaning and storing personal protective equipment		
use of industry standard-terminology to describe climbing and the work environment		
Assessment conditions		
It is an industry requirement that delivery of training and assessment in this unit provides for the explicit conditions of work team capability for aerial rescue operations. It is an industry requirement for competency in this unit that assessment must include a log record of **two hundred (200)** hours of standard climbing.		
Have the assessments incorporated the assessment conditions and met the industry requirements for competency in this unit **as per listed line items below?**	**Yes/No (Y/N)**	**Signed (Initialled)**
Have assessments provided for work team capability for aerial rescue?		
Has the candidate successfully completed the Log Record requirements of of **two hundred (200)** hours of standard climbing?		
Assessment may be conducted in a simulated or real work environment; however, determination of competency requires the application of work practices under work conditions.	**Yes/No (Y/N)**	**Signed (Initialled)**
Have assessments been demonstrated consistently over time?		
Have assessments been demonstrated in a suitable range of contexts?		
Have assessments been demonstrated with a productivity-based outcome?		
Have assessments been demonstrated with multiple assessment events and reports?		

Assessor Declaration			
Assessors must satisfy current standards for RTOs in the assessment of arboriculture units of competency. **Has assessment been conducted only by persons who have:**		**Yes/No (Y/N)**	**Signed (Initialled)**
• **arboriculture vocational competencies at least to the level being assessed?**			
• **current arboriculture industry skills directly relevant to the unit of competency being assessed?**			
Assessor name	**Assessor qualification**	**Year**	**Full Signature**

Competency Determination	
This section determines the skills and knowledge required to climb trees with ropes and harnesses using standard techniques for the purpose of accessing required sections of trees.	**Competent /Not yet competent**
The candidate is competent in climb trees with ropes and harnesses using standard techniques for the purpose of accessing required sections of trees.	

Competency Assessment Completion		
Assessor name	**Date**	**Full Signature**