



Australian Government

AHCARB308 Install cable and bracing

Release: 1

AHCARB308 Install cable and bracing

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to install cable and bracing hardware into the structure of a tree.

The work requires the application of extensive arboricultural knowledge. This unit applies to individuals who have a range of skills to select and apply a specialised range of methods, tools, equipment and information to complete routine activities and provide and transmit solutions to predictable and sometimes unpredictable problems.

Some discretion and judgement may be required to the extent of pruning and cable and bracing required for a particular tree. Work is implemented with low risk work procedures and to comply with Safe Work Method Statement documentation.

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

Nil.

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. Prepare for work	1.1 Determine cable and bracing requirements from client brief 1.2 Determine materials required for installing cable and bracing

Element	Performance criteria
	1.3 Determine location of above-and-below-ground services 1.4 Undertake a site-specific risk assessment by identifying work health and safety hazards and assessing risk 1.5 Select appropriate cable and bracing tools and equipment 1.6 Select and use personal protective equipment 1.7 Confirm first aid and emergency personnel, equipment and procedures 1.8 Record and implement work health, safety, site, environmental and traffic control measures
2. Prepare trees for cable and bracing	2.1 Examine structural tree components using visual tree assessment and in accordance with Compartmentalisation of Decay in Trees (CODIT) principles in relation to tree anatomy and physiology 2.2 Examine branches to determine vitality and integrity of attachment ensuring ability to safely implement bracing 2.3 Undertake preliminary pruning in accordance with AS 4373 to aid cable and bracing installation
3. Install cable and bracing	3.1 Discuss planned approach to cable and bracing with other members of work team 3.2 Install cable and bracing 3.3 Determine the requirement for additional pruning to restore tree to its natural habit and form and sustain its growth 3.4 Check and record completed program for quality of work

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCARB308A Install cable and bracing.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>