



Australian Government

Assessment Requirements for AHCARB308

Install cable and bracing

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be observed installing cable and bracing according to a pruning program.

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence for and demonstrate:

- determining location of above-and-below-ground services
- undertaking a site-specific risk assessment
- determining cable and bracing requirements from client brief
- confirming first aid and rescue procedures applicable to tree work
- examining structural tree components
- examining vitality and structural integrity of branch attachments
- identifying work health and safety hazards and assessing risk
- recording and implementing site and traffic control measures
- use of tree climbing techniques or ability to work from an elevated work platform
- installing cable and bracing
- determining requirement for additional pruning
- checking and recording completed program for quality of work
- use of industry standard terminology to describe arboriculture and work environment.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the effect of pruning on tree growth, habit and form
- tree anatomy and tree physiology
- tree pruning techniques appropriate to requirements of species
- visual tree assessment
- selection of appropriate cable and bracing tools and equipment
- selection of suitable personal protective equipment

- the principles and methods of pruning (tree anatomy and physiology)
- identification of work health and safety hazards, risk assessment and risk control application
- quality of pruning work
- cable and bracing techniques appropriate to tree species
- cable and bracing theory
- Compartmentalisation of Decay in Trees (CODIT) principles
- implications of pruning cuts and the way trees respond
- sustainable growth requirements of trees
- natural habit and form of trees
- first aid and rescue personnel, equipment and procedures applicable to tree work
- local government tree protection and preservation regulations
- Australian Standard 4373–2007 relating to tree pruning.

Assessment Conditions

Assessment must be demonstrated consistently over time in a suitable range of contexts and have a productivity-based outcome. No single assessment event or report is sufficient to achieve competency in this unit.

Assessment may be conducted in a simulated or real work environment, however determination of competency requires the application of work practices under work conditions.

The mandatory equipment and materials used to gather evidence for assessment include:

- equipment:
 - dynamic and static cable and bracing tools and products
 - high decibel whistle
 - personal protective equipment (PPE)
 - first aid and emergency kit
 - traffic management kit
 - signage – work zone
 - trees
- materials:
 - cable and bracing operations form
 - hazard identification and risk control form
 - equipment and PPE check form
 - emergency preparation form
 - work records form

Assessors must satisfy current standards for RTOs in the assessment of arboriculture units of competency.

Assessment must be conducted only by persons who have:

- arboriculture vocational competencies at least to the level being assessed

- current arboriculture industry skills directly relevant to the unit of competency being assessed

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>