



Australian Government

Assessment Requirements for AHCARB321 Implement a tree protection program

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has demonstrated the ability to implement a tree protection program for at least two trees, including:

- received and interpreted a tree protection program and identified:
 - trees to be protected
 - protection methods to use
 - schedule required
 - equipment necessary to perform work
- assessed site-specific health and safety issues and completed a job safety analysis (JSA) and ensured first aid resources and emergency procedures were available
- scheduled and allocated tasks to work team
- surveyed and marked out the tree protection zone
- erected barriers and signage
- selected materials and equipment required for tree protection measures
- conducted pre-operational safety checks and post-operational maintenance of equipment and tools
- installed tree protection measures following specifications in plan
- inspected completed protection installations and rectified where out-of-specification
- monitored tree health during protection scheduled period and implemented remedial action where protection has been compromised
- dismantled and removed protection measures
- maintained records and reports of tree protection outcomes.

All tree protection work is required to be performed according to preferred industry practices (as outlined in the Companion Volume), including Australian Standard AS4970.

Knowledge Evidence

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:

- preferred industry practices (as outlined in the Companion Volume) for tree protection work, including Australian Standard AS4970
- use and interpretation of tree protection plans and specifications, including:
 - tree protection systems, types and methods of protection
 - surveying and marking out tree protection zones (TPZ)
- application of workplace health, safety and environmental controls, including job safety analysis and personal protective equipment (PPE)
- first aid and rescue personnel, equipment and procedures applicable to tree work
- task scheduling and contingency planning for tree protection
- possible damage to tree physiology, and prevention requirements on development and construction sites, including:
 - barriers and signage
 - techniques for assembling or constructing tree protection measures suitable to the requirements of tree species
 - protection requirements of tree species
 - specifications and construction methods for installing protection measures
- environmental factors affecting trees on development and construction sites, including:
 - soil compaction and contamination
 - shading
 - impact on scaffolding
 - excavations and root damage
- principles, regulations, codes of practice and Australian standards for the protection of trees on development and construction sites
- methods used to protect trees on development sites, including:
 - fencing tree protection zones (TPZ) and signage
 - trunk and branch protection
 - soil within the TPZ and root zone protection
- tools, equipment and materials used in tree protection, including preparation, maintenance and biosecurity procedures
- record keeping and reporting procedures for tree protection.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - trees growing on development and construction sites or an environment that accurately represents workplace conditions

- resources, equipment and materials:
 - tree protection materials and equipment
 - tools to construct or assemble tree protection measures
 - PPE
 - first aid and emergency response equipment
 - signage for tree protection zones
- specifications:
 - workplace and manufacturer instructions for safe operation, cleaning and storage of equipment used for tree protection work
 - tree protection plans and specifications
 - preferred industry practices (as outlined in the Companion Volume) for tree protection work, including Australian Standard AS4970
- relationships:
 - work team.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. In particular, assessors must 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 Volumes, including Implementation Guides, are available at VETNet: -

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