



Australian Government

Assessment Requirements for AHCARB214 Recognise trees

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 recognised at least a minimum of 35 different trees local to the region, and has:

- confirmed the location and range of trees to recognise with supervisor
- examined and recorded the characteristics of tree, including:
 - form, structures and local environment of tree
 - shape, colour and size of leaves
 - features of buds, branches and bark
 - flower type, colour and shape
 - features of fruit
 - tactile and sensory characteristics
 - general condition of health and vigour and signs and symptoms of tree disorders
 - ecological habitat for local biota
- used reference materials to assist tree recognition to common name and botanical name and confirmed with work team
- recognised ecological, environmental and social benefits provided by tree
- informed client of tree recognition outcomes.

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:

- methods of recognising trees
- botanical features of trees and their morphological and sensory characteristics, including:
 - form, structures and local environment of tree
 - shape, colour and size of leaves
 - features of buds, branches and bark

- flower type, colour and shape
- features of fruit if present
- use of sensory methods in tree recognition
- general health and condition of trees and their indicative features for recognising tree species, including:
 - signs and symptoms of diseases
 - presence or absence of pests
 - other indicative disorders that assist in recognition of trees
- methods of collecting and recording information and data relevant to tree recognition
- methods of collecting and using botanical samples for tree recognition, including:
 - photographs and images
 - fresh or dried botanical specimens
- reference materials used in the identification of tree species, including:
 - field guides
 - photographs that assist in tree recognition
- basics of plant taxonomy, including:
 - common names
 - botanical name
- trees and their social and environmental benefits, including:
 - habitat
 - aesthetic
 - functional use
 - food
- workplace procedures and processes for communicating results to client.

Assessment Conditions

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

- physical conditions:
 - 35 different trees stipulated in the performance evidence
- resources, equipment and materials:
 - live tree specimens
 - specialist tools and equipment necessary for tree observations
 - botanical reference materials, tree databases
 - camera or image capture device
- specifications:
 - workplace procedures and processes for recording tree data and preparing reports
 - workplace instructions
- relationships:

- client and supervisor.

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>