

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

AHCARB208	Recognise trees
Application	<p>This unit of competency describes the skills and knowledge required to recognise trees and their environmental and social benefits.</p> <p>The unit applies to individuals who undertake defined activities, work in a structured context, apply knowledge and skills to demonstrate autonomy and limited judgement, and provide solutions to a limited range of predictable problems. Work is implemented with low risk work procedures and to comply with Safe Work Method Statement documentation.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Arboriculture (ARB)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1.Examine tree features	1.1 Confirm the location and range of trees to be recognised with supervisor 1.2 Examine and record the morphological characteristics of tree specimens 1.3 Examine and record the tactile and sensory characteristics of tree specimens
2.Examine tree condition	2.1 Examine tree for general condition of health and vigour 2.2 Record condition of tree health noting signs and symptoms of tree disorders and report to supervisor according to workplace procedures
3.Recognise tree	3.1 Use reference material to compare plant specimen characteristics to assist in tree recognition 3.2 Recognise tree by common name and botanical name 3.3 Confirm accuracy of tree recognition with work team
4.Recognise tree benefits	4.1 Examine tree for ecological habitat for localised biota 4.2 Recognise localised ecological and environmental benefits provided by tree 4.3 Recognise social benefits and value of tree
5.Report on results	5.1 Record tree features and observations of tree recognition process 5.2 Record key features observed in the process of tree recognition 5.3 Inform client or organisation of tree recognition process according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB208 Recognise trees	AHCARB208 Recognise trees	Changes to performance criteria for clarity	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet:
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

TITLE	Assessment requirements for AHCARB208 Recognise trees
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual can recognise a minimum thirty-five (35) different trees local to the region and has:</p> <ul style="list-style-type: none"> • confirmed the location and range of trees to recognise with supervisor • examined and recorded the morphological characteristics of tree including: <ul style="list-style-type: none"> • 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 • examined and recorded the tactile and sensory characteristics of the tree • examined tree for general condition of health and vigour • recorded condition of health, signs and symptoms of tree disorders and reported to supervisor • used reference materials to assist tree recognition to common name and botanical name • confirmed tree recognition with work team • examined tree for habitat of local biota • recognised ecological and environmental benefits provided by tree • recognised social benefits of tree • recorded tree features and observations of tree recognition process • recorded key features observed in the process of tree recognition • informed client workplace of tree recognition outcomes. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • methods of recognising trees • botanical features of trees including their morphological and sensory characteristics including: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • signs and symptoms of diseases • presence or absence of pests • other indicative disorders that assist in recognition of trees • collecting and recording information and data relevant to tree recognition • collecting and using botanical samples for tree recognition including: <ul style="list-style-type: none"> • photographs and images • fresh or dried botanical specimens • reference materials used in the identification of tree species including: <ul style="list-style-type: none"> • field guides • photographs that assist in tree recognition • basics of plant taxonomy including: <ul style="list-style-type: none"> • common names • botanical name • trees and their social and environmental benefits including: <ul style="list-style-type: none"> • habitat • aesthetic • functional use 	

<p>Knowledge Evidence</p> <ul style="list-style-type: none"> • food • methods of recording tree features and observations of tree recognition process • workplace procedures and processes for communicating results to client.

<p>Assessment Conditions</p> <p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • live tree specimens • use of specific tools and equipment necessary for tree observations • access to botanical reference materials, tree data bases • camera or image capture device for recording • specifications: <ul style="list-style-type: none"> • specific workplace procedures and processes for recording data and preparing reports • workplace instructions • relationships: <ul style="list-style-type: none"> • clients/stakeholders <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p> <p>In addition, the following specific assessor requirements apply to this unit:</p> <ul style="list-style-type: none"> • arboriculture vocational competencies at least to the level being assessed • current arboriculture industry skills directly relevant to the unit of competency being assessed.

<p>Links</p>	<p>Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</p>
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