

(was AHC20320)

Following strategic revisions of the AHC Training Package by unit sector, several qualifications and skill sets require updating to include the improved units.

Feedback from the recent broad consultation phase has not resulted in any further changes to this qualification.

The qualification equivalency status has now been added. Due to the changes in the core of this qualification, the status has been deemed not equivalent.

We are now seeking final validation of this qualification. To validate, please use the survey link on the project webpage.

The units of competency updated in this qualification are highlighted, please see notes on changes between the current and updated units at the end of this document for more information.

## **Modification History**

Release	Comments	
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.	

AHC20324	Certificate II in Production Horticulture

## **Qualification Description**

This qualification describes the skills and knowledge for supporting job roles in the production horticulture and floriculture industry including field worker, picker, pruner and packer.

Individuals with this qualification carry out routine tasks under supervision where the work is predictable and structured with limited judgement requirements.

Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

#### **Entry Requirements**

There are no entry requirements for this qualification.

## Key:

## Superseded units / recommended replacements

New unit

## Proposed deletion - deleted units/units proposed for deletion

#### **Packaging Rules**

To achieve this qualification, competency must be demonstrated in:

- 15 units of competency:
  - 4 core units plus
  - 11 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. Electives can be chosen to provide a general qualification or a qualification with a specialisation.

For the award of the Certificate II in Production Horticulture choose:

- at least 8 units must be selected from groups A, B or C
- up to 3 units from the remaining electives listed in groups A, B or C or any currently endorsed Training Package or accredited course package at Certificate II or III.

For the award of Certificate II in Production Horticulture (Horticulture), choose:

- at least 3 electives must be selected from Group A
- up to 5 units from the remaining units listed in groups A, B or C
- up to 3 unit from the remaining units listed in groups A, B or C, or any currently endorsed Training Package or accredited course packaged at Certificate II or III.

For the award of Certificate II in Production Horticulture (Floriculture), choose:

- At least 3 electives must be selected from Group B
- up to 5 units from the remaining units listed in groups A, B or C
- up to 3 unit from the remaining units listed in groups A, B or C, or any currently endorsed Training Package or accredited course packaged at Certificate II or III.

#### **Core Units**

AHCBIO204	Follow site biosecurity procedures	
AHCWHS202	Participate in workplace health and safety processes	
AHCWRK204	Work effectively in the industry	
AHCWRK213	Participate in workplace communications	

#### **Elective Units**

#### **Group A Horticulture**

AHCCHM201	Apply chemicals under supervision		
AHCMOM203	Operate basic machinery and equipment		
AHCPHT214	Support horticultural crop harvesting		
AHCPHT215	Plant horticultural crops		
AHCPHT218	Carry out post-harvest operations		
AHCSOL203	Assist with soil or growing media sampling and testing		
AHCWRK209	Participate in environmentally sustainable work practices		
FBPFSY2003	Maintain food safety when loading, unloading and transporting food		

AHCNSY205	Pot up plants			
AHCNSY206	Care for nursery plants			
AHCNSY207	Undertake propagation activities			
AHCPCM204	Recognise plants			
AHCPHT214	Support horticultural crop harvesting			
AHCPHT215	Plant horticultural crops			
AHCPHT217	Undertake field budding and grafting			
AHCPHT218	Carry out post-harvest operations			
AHCSOL203	Assist with soil or growing media sampling and testing			
AHCWRK211	Participate in environmentally sustainable work practices			

## **Group B Floriculture**

## **Group C General Electives**

An asterisk (\*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

AHCBIO203	Inspect and clean machinery for plant, animal and soil material		
AHCDRG202	Maintain drainage systems		
AHCINF207	Maintain properties and structures		
AHCIRG219	Assist with low volume irrigation operations		
AHCIRG221	Assist with pressurised irrigation operations		
AHCMDC201	Assist with propagation of medicinal cannabis		
AHCMDC202	Assist with care and maintenance of medicinal cannabis		
AHCMDC203	Assist with harvest and pre-processing of medicinal cannabis		
AHCMOM201	Operate two wheel motorbikes		
AHCMOM202	Operate tractors		
AHCMOM203	Operate basic machinery and equipment		
AHCMOM204	Undertake operational maintenance of machinery		
AHCMOM205	Operate vehicles		
AHCMOM216	Operate side by side utility vehicles		
AHCMOM217	Operate quad bikes		

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AHCNSY208	Maintain indoor plants			
AHCPGD209	Prune shrubs and small trees			
AHCPHT211	Maintain crop			
AHCPHT212	Perform manual pollination of crops			
AHCPHT216	Carry out canopy maintenance			
AHCPHT219	Handle and move mushroom boxes			
AHCPHT220	Perform mushroom substrate process tasks			
AHCPHT221	Water mushroom crops			
AHCPHT222	Produce trellis dried grapes			
AHCPMG201	Treat weeds			
AHCPMG202	Treat plant pests, diseases and disorders			
AHCWRK210	Observe and report on weather			
AHCWRK214	Observe workplace quality assurance procedures			
AHCWRK215	Collect and record production data			
AHCWRK216	Provide information on products and services			
AHCWRK323	Operate in isolated and remote situations			
FBPBPG2008	Perform basic packaging tests and inspections			
FBPFSY2003	Maintain food safety when loading, unloading and transporting food			
FBPOPR2074	Carry out manual handling tasks			
FBPOPR2094	Clean equipment in place			
FBPOPR2095	Clean and sanitise equipment			
FBPOPR2065	Conduct routine maintenance			
FBPOPR2066	Apply sampling procedures			
FBPOPR2067	Work in a food handling area for non-food handlers			
FBPOPR2070	Apply quality systems and procedures			
FBPVIT2001	Bench graft vines			
FBPVIT2002	Carry out potting operations			
FBPVIT2003	Hand prune vines			
FBPVIT2005	Maintain callusing environment			

FBPVIT2006	Obtain and process rootlings		
FBPVIT2007	Tend containerised nursery plants		
FBPVIT2008	Train vines		
FBPVIT2010	Take and process vine cuttings		
FBPVIT2011	Operate vineyard equipment		
FBPVIT2016	Carry out hot water treatment		
FBPVIT2017	Operate nursery cold storage facilities		
FBPVIT2018 *	Support mechanical harvesting operations		
FBPVIT3005	Install and maintain vine trellis		
FBPVIT3006	Field graft vines		
FBPVIT3007 *	Operate specialised canopy management equipment		
FWPCOT3325	Operate four wheel drive vehicle on unsealed roads		
HLTAID011	Provide First Aid		
MEM11011 *	Undertake manual handling		
MEM13015	Work safely and effectively in manufacturing and engineering		
MEM16006 *	Organise and communicate information		
MEM18001 *	Use hand tools		
MEM18002 *	Use power tools/hand held operations		
TLIA0020	Package goods		
TLID0020	Shift materials safely using manual handling methods		
TLID2022	Conduct weighbridge operations		
TLILIC0003	Licence to operate a forklift truck		

## **Prerequisite Units**

Unit of competency	Prerequisite requirement
FBPVIT2018 Support mechanical harvesting operations	AHCMOM202 Operate tractors
FBPVIT3007 Operate specialised canopy management equipment	AHCMOM202 Operate tractors
MEM11011 Undertake manual handling	MEM13015 Work safely and effectively in manufacturing and engineering
	MEM16006 Organise and communicate information *

MEM16006 Organise and communicate information	MEM13015 Work safely and effectively in manufacturing and engineering
MEM18001 Use hand tools	MEM11011 Undertake manual handling * MEM13015 Work safely and effectively in manufacturing and engineering MEM16006* Organise and communicate information
MEM18002 Use power tools/hand held operations	MEM11011 Undertake manual handling * MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information *

## **Qualification Mapping Information**

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC20324 Certificate II Production Horticulture	AHC20320 Certificate II Production Horticulture	Updated 3 Core units, 16 Elective units, removed 1 deleted unit	Not equivalent

## Links

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

## Qualification: AHC20324 Certificate II in Production Horticulture (was AHC20320)

#### Acronyms:

- E Equivalent
- NE Not Equivalent
- PC Performance Criteria
- PE Performance Evidence
- KE Knowledge Evidence
- AC Assessment Conditions
- AHC Agriculture, Horticulture and Conservation and Land Management Training Package

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Core	AHCWHS201 Participate in work health and safety processes	AHCWHS202 Participate in workplace health and safety processes	NE	Elements - unchanged         Performance Criteria         2.3 Check safety of machines, tools and equipment before use         2.4 Operate machines, tools and equipment safely         2.5 Use correct manual handling technique         Combined to         2.3 Follow workplace health and safety procedures applicable to work task         Foundation Skill added (Reading)         Performance Evidence         Now emphasises safely completing a work task on "at least one occasion" instead of         "performance demonstrated consistently over time and in a suitable range of contexts" Added

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<ul> <li>fitted and used personal protective equipment (PPE) relevant to work task</li> <li><u>Knowledge Evidence</u> - minor updates for clarity</li> <li><u>Assessment Conditions</u> - updated</li> </ul>
Core	AHCWRK204 Work effectively in the industry	AHCWRK212 Work effectively in industry	NE	Elements - consolidated         Elements 4,5,6, and 7 merged to 4 and 5:         4. Participate and contribute to a productive team environment         5. Confirm and undertake workplace activities         Performance Criteria         Content of 5.3, 6.1, 6.4 and 6.5 updated and now covered under Element 4         5.3 Resolve where possible, through personal communication or refer to a supervisor, manager or employer for resolution         6.1 Fulfil commitments to undertake work or assist co-workers         6.4 Recognise and seek contributions of individuals of different gender and social and cultural backgrounds         6.5 Observe and implement the principles of equal employment opportunity         Foundation Skills added (Reading and Oral Communication)         Performance Evidence         Now emphasises safely completing a work task on "at least one occasion" instead of "performance demonstrated consistently over time and in a suitable range of contexts" "Co-operated and communicated in a respectful manner" replaces:         • meet the industry standard for dress         • communicate effectively with team members and supervisors         • use industry terminology

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Knowledge Evidence - minor changes to update workplace terminology Assessment Conditions - updated
Core	AHCWRK205 Participate in workplace communications	AHCWRK213 Participate in workplace communications	NE	Elements       - consolidated         Elements       1 and 2 combined         1. Follow routine spoken messages and 2. Perform workplace duties following routine written notices combined to:         1. Follow routine workplace instructions         Performance Criteria – consolidated under new Element 1         Foundation Skills added (Writing, Oral Communication and Numeracy)         Performance Evidence         Now emphasises the individual has participated in workplace communications "on at least one occasion" instead of "performance demonstrated consistently over time and in a suitable range of contexts"         Performance Evidence consolidated to emphasise communication activities relevant to the workplace and points below have been removed:         • estimating, calculating and recording routine workplace measures         • using basic mathematical processes of addition, subtraction, division, multiplication, percentages, decimal points and ratios         Knowledge Evidence - minor edits for clarity         Assessment Conditions - updated
Elective	AHCINF203 Maintain	AHCINF207 Maintain properties and structures	NE	Elements - unchanged

s and s			Performance Criteria – minor changes for clarity Foundation Skills added (Reading and Oral Communication)
			roundation skins added (Reading and Oral Communication)
			Performance Evidence         Frequency added. Now states that there must be evidence that the individual has "repaired properties and structures, where the services of a tradesperson is not necessary, on at least two occasions"         Added         • cleaned and tidied up work area and disposed of or recycled waste         • reported property and structure maintenance activities and unserviceable tools and equipment         Knowledge Evidence – minor edits for clarity         Assessment Conditions - updated
and report O	Observe and report	NE	Elements - unchanged         Performance Criteria         Removed:         3.2 Determine the preventative action required according to the known effects on livestock, crops and work tasks         3.3 Implement actions to minimise loss and damage         3.4 Adjust livestock, horticultural or crop management program or schedule of work tasks according to weather and climatic changes         Replaced with         3.2 Undertake actions to minimise loss and damage         3.3 Adjust work tasks according to weather and climatic changes         Foundation Skills added (Reading, Writing and Oral Communication)
aı	nd report C	nd report Observe and report	nd report Observe and report

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Performance Evidence         Frequency added. Now states that the individual has "observed and reported on weather on at least two occasions"         Knowledge Evidence – minor edits for clarity         Assessment Conditions - updated
Elective	AHCWRK206 Observe enterprise quality assurance procedures	AHCWRK214 Observe workplace quality assurance procedures	NE	Minor changes to unit title and application         Elements – unchanged         Performance Criteria – minor changes for clarity         Foundation Skills added (Reading, Writing and Oral Communication)         Performance Evidence         Frequency added. Now states that the individual has "observed workplace quality assurance procedures for a product or service on at least one occasion"         Knowledge Evidence         • HACCP (Hazard Analysis Critical Control Point) approach to Quality Assurance Replaced with:         • basic understanding of the purpose, scope and requirements for the workplace QA system         Assessment Conditions - updated

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCWRK207 Collect and record production data	AHCWRK215 Collect and record production data	NE	Elements – unchanged         Performance Criteria         Removed references to whether notices relating to site quarantine are in effect and, where required, follow site quarantine procedures. Now covered under identifying and reporting of workplace health and hazards and risks.         Foundation Skills added (Reading, Writing, Oral Communication and Numeracy)         Performance Evidence         Frequency added. Now states that the individual has "collected and recorded production data on at least one occasion".         Added         • calibrated tools and equipment         • identified workplace health and safety hazards and risks, and reported to supervisor         • downloaded and entered data on a computer.         Knowledge Evidence – minor edits for clarity.         Added         • tools and equipment calibration methods and purpose         Assessment Conditions - updated
Elective	AHCWRK208 Provide information on products and services	AHCWRK216 Provide information on products and services	NE	Elements – unchanged <u>Performance Criteria</u> – minor edits and simplified for clarity <u>Foundation Skills</u> added (Reading and Oral Communication) <u>Performance Evidence</u>

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Frequency added. Now states that the individual has "provided information on products and services on at least two occasions"
				Knowledge Evidence – minor edits for clarity <u>Assessment Conditions</u> - updated
Elective (Specialisation)	AHCWRK209 Participate in environmentally sustainable work practices	AHCWRK211 Participate in environmentally sustainable work practices	NE	<ul> <li>Redesigned unit that includes content from AHCWRK202 Observe environmental work practices and AHCWRK209 Participate in environmentally sustainable work practice</li> <li>Elements – unchanged (compared with AHCWRK209)</li> <li>Performance Criteria – minor edits for clarity</li> <li>Foundation Skills added (Reading, Writing, Oral Communication and Numeracy)</li> <li>Performance Evidence</li> <li>Frequency added. Now states that the individual has "participated in environmentally sustainable work practices on at least one occasion and identified and reported potential breaches on at least two occasions".</li> <li>Knowledge Evidence - expanded to specify lists of:</li> <li>environmental and resource hazards and risks relevant to industry sector</li> <li>resources used in own industry sector</li> <li>environmental resources used in own industry sector</li> <li>Assessment Conditions - updated</li> </ul>
Elective	AHCWRK312 Operate in isolated	AHCWRK323 Operate in isolated	NE	Elements - unchanged

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
	and remote	and remote		Performance Criteria
	situations	situations		Re-organised and emphasised that activities carried out in remote situations should be undertaken according to workplace procedures and in accordance with operating plans.
				Foundation Skills
				Retained - Reading and Oral Communication. Removed - Learning, Navigate the world of work, Interact with others and Get the work done)
				Performance Evidence
				Frequency added. Now states that the individual has "operated in an isolated and remote environment on at least one occasion"
				Added:
				• calibrated tools and equipment
				• identified workplace health and safety hazards and risks, and reported to supervisor
				• downloaded and entered data on a computer.
				Knowledge Evidence
				Operation of UHF radio included
				Assessment Conditions - updated
Elective	FWPCOT3259	FWPCOT3325	NE	Updated unit title
	Operate a four wheel drive on	Operate four wheel drive vehicle on		
	unsealed roads	unsealed roads		Elements - consolidated
				Elements 1 Identify four-wheel drive specific terms and terminology, and
				Elements 2 Conduct checks of 4x4 vehicle and equipment
				Now covered under Element 1 Prepare for operations
				Element 5 Operate 4x4 vehicle on steep slope, changed to:
				Ascend and descend slopes less than 15 degrees Element 6 Perform maintenance and minor repairs on 4x4 vehicles, changed to:
				Element o remorn mannenance and minor repairs on 4x4 venicies, changed to:

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Complete operation, which covers post-trip inspection of vehicle and post-trip documentation         Foundation Skills added (Reading, Writing, Oral Communication and Numeracy)         Performance Evidence         Now includes "driven vehicle under three conditions" with a specified from a list of 11 different conditions to select from         Knowledge Evidence         List covering types of environmental hazards and risks has been simplified, and         List of 4x4 driving techniques in different terrains now covered under common unsealed road surface hazards         Assessment Conditions - updated
Elective	AHCPGD203 Prune shrubs and small trees	AHCPGD209 Prune shrubs and small trees	NE	Elements - unchanged         Performance Criteria – minor changes for clarity         Foundation Skills added (Oral communication)         Performance Evidence         Frequency added. States that "there must be evidence that the individual has pruned at least three different shrubs and small trees"         Use of the following tools also specified:         • secateurs         • loppers or extension loppers         • shears         • pruning or pole saws

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Knowledge Evidence – minor changes for clarity Assessment Conditions - updated
Elective (Specialisation)	FBPFSY2001 Implement the food safety program and procedures	FBPFSY2003 Maintain food safety when loading, unloading and transporting food	E	Title updated to better reflect work task Minor changes to Performance Criteria for clarity Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions
Elective	FBPOPR1010 Carry out manual handling tasks	FBPOPR2074 Carry out manual handling tasks	E	Unit recoded to reflect complexity of work task Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions
Elective	FBPOPR2012 Maintain food safety when loading, unloading and transporting food	FBPFSY2003 Maintain food safety when loading, unloading and transporting food	E	Sector code of unit updated to better match work task Minor changes to Performance Criteria to clarify intent Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions
Elective	FBPOPR2063 Clean equipment in place	FBPOPR2094 Clean equipment in place	Е	Minor changes to Performance Criteria for clarity Knowledge Evidence added
Elective	FBPOPR2064 Clean and sanitise equipment	FBPOPR2095 Clean and sanitise equipment	Е	Minor changes to Performance Criteria for clarity Knowledge Evidence added
Elective	TLIA2011 Package goods	TLIA0020 Package goods	Е	Minor changes

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
	TLID1001 Shift materials safely using manual handling methods	LID0020 Shift materials safely using manual handling methods	E	Minor changes
Elective	FBPVIT2017 Operate nursery cold storage facilities	Deleted		