

AHC20324 Certificate II in Production Horticulture (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.

Skills Insight is seeking comment from those who may be impacted by the replacement of the units so that disruptions can be minimised. These updates are not to change the intent of the qualifications, simply to include units already consulted on with stakeholders to better meet skills needs.

Below is an updated version of Certificate II in Production Horticulture as well as a summary of the updates made to units within it.

This document provides a list of units of competency to be updated in this qualification and includes notes on changes between the current and updated units. Other units are not included as they don't need to be changed.

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

Key:

Superseded units / recommended
replacements

New unit

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

AHC20324 Certificate II in Production Horticulture

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 <p>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.</p> <p>Individuals with this qualification carry out routine tasks under supervision where the work is predictable and structured with limited judgement requirements.</p> <p>Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.</p> <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>	
Entry Requirements <p>There are no entry requirements for this qualification.</p>	

AHC20324 Certificate II in Production Horticulture

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

Group B Floriculture

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 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

AHC20324 Certificate II in Production Horticulture

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
FBPBP2008	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

AHC20324 Certificate II in Production Horticulture

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 *

AHC20324 Certificate II in Production Horticulture

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	To be confirmed

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)

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	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> - consolidated</p> <p>2.3 Check safety of machines, tools and equipment before use</p> <p>2.4 Operate machines, tools and equipment safely</p> <p>2.5 Use correct manual handling technique</p> <p>Combined to</p> <p>2.3 Follow workplace health and safety procedures applicable to work task</p> <p><u>Foundation Skill</u> added (Reading)</p> <p><u>Performance Evidence</u></p> <p>Now emphasises safely completing a work task on “<i>at least one occasion</i>” instead of “<i>performance demonstrated consistently over time and in a suitable range of contexts</i>” Added</p> <ul style="list-style-type: none"> fitted and used personal protective equipment (PPE) relevant to work task <p><u>Knowledge Evidence</u> - minor updates for clarity</p> <p><u>Assessment Conditions</u> - updated</p>
Core	AHCWRK204 Work effectively in the industry	AHCWRK212 Work effectively in industry	NE	<p><u>Elements</u> - consolidated</p> <p>Elements 4,5,6, and 7 merged to 4 and 5:</p> <p>4. Participate and contribute to a productive team environment</p> <p>5. Confirm and undertake workplace activities</p> <p><u>Performance Criteria</u></p> <p>Content of 5.3, 6.1, 6.4 and 6.5 updated and now covered under Element 4</p>

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p>5.3 Resolve where possible, through personal communication or refer to a supervisor, manager or employer for resolution</p> <p>6.1 Fulfil commitments to undertake work or assist co-workers</p> <p>6.4 Recognise and seek contributions of individuals of different gender and social and cultural backgrounds</p> <p>6.5 Observe and implement the principles of equal employment opportunity</p> <p><u>Foundation Skills</u> added (Reading and Oral Communication)</p> <p><u>Performance Evidence</u></p> <p>Now emphasises safely completing a work task on “<i>at least one occasion</i>” instead of “<i>performance demonstrated consistently over time and in a suitable range of contexts</i>”</p> <p>“<i>Co-operated and communicated in a respectful manner</i>” replaces:</p> <ul style="list-style-type: none"> • meet the industry standard for dress • communicate effectively with team members and supervisors • use industry terminology <p><u>Knowledge Evidence</u> - minor changes to update workplace terminology</p> <p><u>Assessment Conditions</u> - updated</p>

AHC20324 Certificate II in Production Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Core	AHCWRK205 Participate in workplace communications	AHCWRK213 Participate in workplace communications	NE	<p><u>Elements</u> - 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</p> <p><u>Performance Criteria</u> – consolidated under new Element 1</p> <p><u>Foundation Skills</u> added (Writing, Oral Communication and Numeracy)</p> <p><u>Performance Evidence</u> Now emphasises the individual has participated in workplace communications “<i>on at least one occasion</i>” instead of “<i>performance demonstrated consistently over time and in a suitable range of contexts</i>” Performance Evidence consolidated to emphasise communication activities relevant to the workplace and points below have been removed:</p> <ul style="list-style-type: none"> • estimating, calculating and recording routine workplace measures • using basic mathematical processes of addition, subtraction, division, multiplication, percentages, decimal points and ratios <p><u>Knowledge Evidence</u> - minor edits for clarity</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCINF203 Maintain properties and structures	AHCINF207 Maintain properties and structures	NE	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> – minor changes for clarity</p> <p><u>Foundation Skills</u> added (Reading and Oral Communication)</p>

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p><u>Performance Evidence</u> Frequency added. Now states that there must be evidence that the individual has “<i>repaired properties and structures, where the services of a tradesperson is not necessary, on at least two occasions</i>” Added</p> <ul style="list-style-type: none"> • cleaned and tidied up work area and disposed of or recycled waste • reported property and structure maintenance activities and unserviceable tools and equipment <p><u>Knowledge Evidence</u> – minor edits for clarity</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCWRK201 Observe and report on weather	AHCWRK210 Observe and report on weather	NE	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> - consolidated</p> <p>Removed:</p> <p>3.2 Determine the preventative action required according to the known effects on livestock, crops and work tasks</p> <p>3.3 Implement actions to minimise loss and damage</p> <p>3.4 Adjust livestock, horticultural or crop management program or schedule of work tasks according to weather and climatic changes</p> <p>Replaced with</p> <p>3.2 Undertake actions to minimise loss and damage</p> <p>3.3 Adjust work tasks according to weather and climatic changes</p> <p><u>Foundation Skills</u> added (Reading, Writing and Oral Communication)</p> <p><u>Performance Evidence</u> Frequency added. Now states that the individual has “<i>observed and reported on weather on at least two occasions</i>”</p>

AHC20324 Certificate II in Production Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p><u>Knowledge Evidence</u> – minor edits for clarity</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCWRK206 Observe enterprise quality assurance procedures	AHCWRK214 Observe workplace quality assurance procedures	NE	<p>Minor changes to unit title and application</p> <p><u>Elements</u> – unchanged</p> <p><u>Performance Criteria</u> – minor changes for clarity</p> <p><u>Foundation Skills</u> added (Reading, Writing and Oral Communication)</p> <p><u>Performance Evidence</u> Frequency added. Now states that the individual has “<i>observed workplace quality assurance procedures for a product or service on at least one occasion</i>”</p> <p><u>Knowledge Evidence</u></p> <ul style="list-style-type: none"> • HACCP (Hazard Analysis Critical Control Point) approach to Quality Assurance <p>Replaced with:</p> <ul style="list-style-type: none"> • basic understanding of the purpose, scope and requirements for the workplace QA system <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCWRK207 Collect and record production data	AHCWRK215 Collect and record production data	NE	<p><u>Elements</u> – unchanged</p> <p><u>Performance Criteria</u> 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.</p>

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p><u>Foundation Skills</u> added (Reading, Writing, Oral Communication and Numeracy)</p> <p><u>Performance Evidence</u> Frequency added. Now states that the individual has <i>“collected and recorded production data on at least one occasion”</i>. Added</p> <ul style="list-style-type: none"> • calibrated tools and equipment • identified workplace health and safety hazards and risks, and reported to supervisor • downloaded and entered data on a computer. <p><u>Knowledge Evidence</u> – minor edits for clarity. Added</p> <ul style="list-style-type: none"> • tools and equipment calibration methods and purpose <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCWRK208 Provide information on products and services	AHCWRK216 Provide information on products and services	NE	<p><u>Elements</u> – unchanged</p> <p><u>Performance Criteria</u> – minor edits and simplified for clarity</p> <p><u>Foundation Skills</u> added (Reading and Oral Communication)</p> <p><u>Performance Evidence</u> Frequency added. Now states that the individual has <i>“provided information on products and services on at least two occasions”</i></p> <p><u>Knowledge Evidence</u> – minor edits for clarity</p> <p><u>Assessment Conditions</u> - updated</p>

AHC20324 Certificate II in Production Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective (Specialisation)	AHCWRK209 Participate in environmentally sustainable work practices	AHCWRK211 Participate in environmentally sustainable work practices	NE	<p>Redesigned unit that includes content from <i>AHCWRK202 Observe environmental work practices</i> and <i>AHCWRK209 Participate in environmentally sustainable work practice</i></p> <p><u>Elements</u> – unchanged (compared with AHCWRK209)</p> <p><u>Performance Criteria</u> – minor edits for clarity</p> <p><u>Foundation Skills</u> added (Reading, Writing, Oral Communication and Numeracy)</p> <p><u>Performance Evidence</u> Frequency added. Now states that the individual has “<i>participated in environmentally sustainable work practices on at least one occasion and identified and reported potential breaches on at least two occasions</i>”.</p> <p><u>Knowledge Evidence</u> - expanded to specify lists of:</p> <ul style="list-style-type: none"> • environmental and resource hazards and risks relevant to industry sector • resources used in own industry sector • environmental resources used in own industry sector <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCWRK312 Operate in isolated and remote situations	AHCWRK323 Operate in isolated and remote situations	NE	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> Re-organised and emphasised that activities carried out in remote situations should be undertaken according to workplace procedures and in accordance with operating plans.</p> <p><u>Foundation Skills</u></p>

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p>Retained - Reading and Oral Communication. Removed - Learning, Navigate the world of work, Interact with others and Get the work done)</p> <p><u>Performance Evidence</u> Frequency added. Now states that the individual has “operated in an isolated and remote environment on at least one occasion” Added:</p> <ul style="list-style-type: none"> • calibrated tools and equipment • identified workplace health and safety hazards and risks, and reported to supervisor • downloaded and entered data on a computer. <p><u>Knowledge Evidence</u> Operation of UHF radio included</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	FWPCOT3259 Operate a four wheel drive on unsealed roads	FWPCOT3325 Operate four wheel drive vehicle on unsealed roads	NE	<p>Updated unit title</p> <p><u>Elements</u> - 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: Complete operation, which covers post-trip inspection of vehicle and post-trip documentation</p> <p><u>Foundation Skills</u> added (Reading, Writing, Oral Communication and Numeracy)</p> <p><u>Performance Evidence</u></p>

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p>Now includes “<i>driven vehicle under three conditions</i>” with a specified from a list of 11 different conditions to select from</p> <p><u>Knowledge Evidence</u> 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</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCPGD203 Prune shrubs and small trees	AHCPGD209 Prune shrubs and small trees	NE	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> – minor changes for clarity</p> <p><u>Foundation Skills</u> added (Oral communication)</p> <p><u>Performance Evidence</u> Frequency added. States that “<i>there must be evidence that the individual has pruned at least three different shrubs and small trees</i>” Use of the following tools also specified:</p> <ul style="list-style-type: none"> • secateurs • loppers or extension loppers • shears • pruning or pole saws <p><u>Knowledge Evidence</u> – minor changes for clarity</p> <p><u>Assessment Conditions</u> - updated</p>

AHC20324 Certificate II in Production Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
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	E	Minor changes to Performance Criteria for clarity Knowledge Evidence added
Elective	FBPOPR2064 Clean and sanitise equipment	FBPOPR2095 Clean and sanitise equipment	E	Minor changes to Performance Criteria for clarity Knowledge Evidence added
Elective	TLIA2011 Package goods	TLIA0020 Package goods	E	Minor changes
Elective	TLID1001 Shift materials safely using manual handling methods	LID0020 Shift materials safely using manual handling methods	E	Minor changes

AHC20324 Certificate II in Production Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	FBPVIT2017 Operate nursery cold storage facilities	Deleted		

DRAFT