

# AHC21824 Certificate II in Protected Horticulture

(was AHC21819)

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 Protected 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Superseded units / recommended replacements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

**Modification History**

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

AHC21824	Certificate II in Protected Horticulture
<p><b>Qualification Description</b></p> <p>This qualification describes the skills and knowledge for individuals who work in support roles in the protected horticulture industry undertaking routine tasks in the areas of picking, packing, crop and nursery work.</p> <p>Individuals with this qualification work 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>	
<p><b>Entry Requirements</b></p> <p>There are no entry requirements for this qualification.</p>	

## AHC21824 Certificate II in Protected Horticulture

### Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 12 units of competency:
  - 6 core units plus
  - 6 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. Any combination of electives that meets the packaging rules can be selected for the award of the Certificate II in Protected Horticulture.

Where appropriate, electives may be packaged to provide a qualification with a specialisation area as follows:

- At least 2 electives must be selected from Group A for the award of the Certificate II in Protected Horticulture (Picking)
- At least 2 electives must be selected from Group B for the award of the Certificate II in Protected Horticulture (Packing).
- At least 2 electives must be selected from Group C for the award of the Certificate II in Protected Horticulture (Crop work)
- At least 2 electives must be selected from Group D for the award of the Certificate II in Protected Horticulture (Nursery)
- Plus 4 units from the remaining units listed in groups A, B, C, D or E, or any currently endorsed Training Package or accredited course.

Where a specialisation area is not sought, the electives are to be chosen as follows:

- 2 units must be selected from groups A, B, C, D or E
- the remaining 4 electives may be selected from groups A, B, C, D or E or any currently endorsed Training Package or accredited course.

### Core Units

AHCWHS202	Participate in workplace health and safety processes
AHCWRK211	Participate in environmentally sustainable work practices
AHCWRK212	Work effectively in industry
FBPFSY2002	Apply food safety procedures
FBPOPR2074	Carry out manual handling tasks
FBPOPR2070	Apply quality systems and procedures

### Elective Units

#### Group A Picking

AHCBIO203	Inspect and clean machinery, tools and equipment to preserve biosecurity
AHCPHT214	Support horticultural crop harvesting
AHCPMG202	Treat plant pests, diseases and disorders

#### Group B Packing

## AHC21824 Certificate II in Protected Horticulture

AHCWRK215	Collect and record production data
FBPBP2008	Perform basic packaging tests and inspections
FBPOPR2094	Clean equipment in place
TLIA0020	Package goods

### Group C Crop Work

AHC BIO203	Inspect and clean machinery, tools and equipment to preserve biosecurity
AHCIRG219	Assist with low volume irrigation operations
AHCPHT210	Assist with protected cropping water sampling and testing
AHCPHT211	Maintain crop
AHCPHT212	Perform manual pollination of crops
AHCPHT215	Plant horticultural crops
AHCPMG201	Treat weeds
AHCPMG202	Treat plant, pests, diseases and disorders
AHCSOL203	Assist with soil or growing media sampling and testing

### Group D Nursery

AHC BIO203	Inspect and clean machinery, tools and equipment to preserve biosecurity
AHCNSY206	Care for nursery plants
AHCNSY207	Undertake propagation activities
AHCPHT213	Perform plant blocking on
AHCPHT217	Undertake field budding and grafting
AHCPMG202	Treat plant pests, diseases and disorders
AHCSOL203	Assist with soil or growing media sampling and testing
FBPVIT2001	Bench graft vines
FBPVIT2007	Tend containerised nursery plants

**Group E General Electives**

AHCINF207	Maintain properties and structures
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
AHCMOM202	Operate tractors
AHCMOM203	Operate basic machinery and equipment
AHCNSY205	Pot up plants
AHCPCM204	Recognise plants
FBPOPR2065	Conduct routine maintenance
FBPOPR2066	Apply sampling procedures
FBPOPR2069	Use numerical applications in the workplace
FBPOPR2071	Provide and apply workplace information
FBPOPR2095	Clean and sanitise equipment
FBPPPL2001	Participate in work teams and groups
HLTAID011	Provide First Aid
TLID0016	Operate a forklift
TLIG2007	Work in a socially diverse environment
TLIK2010	Use infotechnology devices in the workplace
TLILIC0003	Licence to operate a forklift truck

**Qualification Mapping Information**

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC21824 Certificate II in Protected Horticulture	AHC21819 Certificate II in Protected Horticulture	Updated 5 Core units and 5 Elective units	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: AHC21824 Certificate II in Protected Horticulture (was AHC21819)**

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Core	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
Core	FBPFSY2001 Implement the food safety program and procedures	FBPFSY2002 Apply food safety procedures	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
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 in Elements 1 and 2 PC 1.5, 1.6, 1.7 removed. Risks to fellow workers and undertaking safety training now covered under follow workplace procedures and work instructions to control risks Noise hazards and manual handling risks now covered under workplace health and safety hazards and risks</p> <p><u>Foundation Skills</u> added (Reading and Oral Communication)</p> <p><u>Performance Evidence</u> 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>” Performance Evidence relating to “<i>identify tasks or information from labels, manuals or written instructions</i>” removed to be covered under relevant to workplace procedures for identifying tasks</p>

AHC21824 Certificate II in Protected Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p><u>Knowledge Evidence</u> - consolidated                      Relevant machinery and equipment operator manuals now covered under workplace procedures</p> <p><u>Assessment Conditions</u> - updated</p>
Core	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"> <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> </ul> <p><u>Assessment Conditions</u> - updated</p>

AHC21824 Certificate II in Protected Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Core	AHCWRK204 Work effectively in the industry	AHCWRK212 Work effectively in industry	NE	<p><u>Elements</u> - 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</p> <p><u>Performance Criteria</u>                      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</p> <p><u>Foundation Skills</u> added (Reading and Oral Communication)</p> <p><u>Performance Evidence</u>                      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>”                      “<i>Co-operated and communicated in a respectful manner</i>” replaces:</p> <ul style="list-style-type: none"> <li>• meet the industry standard for dress</li> <li>• communicate effectively with team members and supervisors</li> <li>• use industry terminology</li> </ul> <p><u>Knowledge Evidence</u> - minor changes to update workplace terminology</p> <p><u>Assessment Conditions</u> – updated</p>



AHC21824 Certificate II in Protected Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
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> <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>”</p> <p>Added</p> <ul style="list-style-type: none"> <li>• cleaned and tidied up work area and disposed of or recycled waste</li> <li>• reported property and structure maintenance activities and unserviceable tools and equipment</li> </ul> <p><u>Knowledge Evidence</u> – minor edits for clarity</p> <p><u>Assessment Conditions</u> - updated</p>
Elective (Specialisation)	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> <p><u>Foundation Skills</u> added (Reading, Writing, Oral Communication and Numeracy)</p> <p><u>Performance Evidence</u></p>

AHC21824 Certificate II in Protected Horticulture

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<p>Frequency added. Now states that the individual has “<i>collected and recorded production data on at least one occasion</i>”.</p> <p>Added</p> <ul style="list-style-type: none"> <li>• calibrated tools and equipment</li> <li>• identified workplace health and safety hazards and risks, and reported to supervisor</li> <li>• downloaded and entered data on a computer.</li> </ul> <p><u>Knowledge Evidence</u> – minor edits for clarity.</p> <p>Added</p> <ul style="list-style-type: none"> <li>• tools and equipment calibration methods and purpose</li> </ul> <p><u>Assessment Conditions</u> - updated</p>
Elective	TLID2010 Operate a forklift	TLID0016 Operate a forklift	NE	<p><u>Elements</u></p> <p>New element added - Element 6 Perform shutdown</p> <p><u>Performance Criteria</u></p> <p>Steps to support new shutdown element included</p> <p><u>Performance Evidence</u> - minor changes made for clarity</p> <p><u>Knowledge Evidence</u> - minor changes made for clarity</p>
Elective (Specialisation)	FBPOPR2063 Clean equipment in place	FBPOPR2094 Clean equipment in place	E	<p>Minor changes to Performance Criteria for clarity</p> <p>Knowledge Evidence added</p>
Elective	FBPOPR2064 Clean and sanitise equipment	FBPOPR2095 Clean and sanitise equipment	E	<p>Minor changes to Performance Criteria for clarity</p> <p>Knowledge Evidence added</p>

DRAFT