

AHC40224 Certificate IV in Protected Horticulture

(was AHC40219)

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 IV 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Superseded units / recommended replacements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.

AHC40224	Certificate IV in Protected Horticulture
<p>Qualification Description</p> <p>This qualification describes the skills and knowledge for supervisory and coordinating roles in the protected horticulture industry.</p> <p>Individuals with this qualification perform tasks involving technical skills, problem solving and supervisory skills to operate, monitor and improve performance of protected horticulture systems, processes and team members.</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>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>	

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. The electives are to be chosen as follows:

- 6 must be from electives group A
- 5 from the remaining units listed in groups A or B, or any currently endorsed Training Package or accredited course packaged at Certificate III, Certificate IV or Diploma.

Core Units

AHCWHS402	Maintain workplace health and safety processes
AHCWRK409	Supervise work routines and staff performance
BSBLDR414	Lead team effectiveness
FBPFSY3003	Monitor the implementation of quality and food safety programs

Elective Units

Group A

AHCBUS407	Cost a project
AHCBUS408	Operate within a budget framework
AHCBUS409	Participate in an e-business supply chain
AHCCHM304	Transport and store chemicals
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM405	Plan and implement a chemical use program
AHCHYD401	Establish and monitor hydroponic crops
AHCHYD501	Develop a plan for a hydroponic system
AHCMOM402	Supervise maintenance of property, machinery and equipment
AHCNSY403	Plan a growing-on program
AHCNSY404	Plan a propagation program
AHCPCM404	Recommend plants and cultural practices
AHCPCM406	Develop a soil health and plant nutrition program

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AHCPCM507	Diagnose plant health problems
AHCPHT409	Develop a crop regulation program
AHCPHT411	Implement and monitor a horticultural crop harvesting program
AHCPHT511	Develop a horticultural production plan
AHCPHT512	Manage a controlled growing environment
AHCPMG409	Implement a pest management plan
AHCWAT503	Manage water systems
TAEDEL311	Provide work skill instruction

Group B

BSBOPS304	Deliver and monitor a service to customers
BSBOPS403	Apply business risk management processes
FBPOPR3004	Set up a production or packaging line for operation
FBPTEC4002	Apply principles of food packaging
TAEASS311	Contribute to assessment
TLIR4002	Source goods/services and evaluate contractors
TLIX0004X	Administer inventory systems
TLIX0013X	Maintain stock control and receivables

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40224 Certificate IV in Protected Horticulture	AHC40219 Certificate IV in Protected Horticulture	Packaging rules reduced from 5 Core to 4 due to merged units Updated all Core units and 15 Electives	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: AHC40224 Certificate IV in Protected Horticulture (was AHC40219)

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
*NOTE: Due to the merging of two core units the Packaging Rules for this qualification have been amended				
Core	AHCWHS401 Maintain work health and safety processes	AHCWHS402 Maintain workplace health and safety processes	NE	<p>Minor changes to unit <u>Title</u> and <u>Application</u>. Work replaced with workplace and changes to emphasise clear and respectful communication</p> <p>Major changes to <u>Performance Criteria</u>. Increased emphasis on the importance of clear and respectful communication, both written and oral</p> <p>Reference to both 'near misses' and 'emergencies'. Removal of qualifier words such as regularly, clearly and accurately</p> <p><u>Foundation Skills</u> added (Reading and Oral communication)</p> <p><u>Range of Conditions</u> removed completely</p> <p>Addition of frequency to the <u>Performance Evidence</u>. 'There must be evidence that the individual has maintained workplace health and safety processes on at least one occasion'</p> <p>Addition and removal of specific <u>Knowledge Evidence</u> points in line with updated terminology and current workplace health and safety processes</p> <p><u>Assessment Conditions</u> updated</p> <p>Recommendation: Use updated unit AHCWHS402, this unit of competency was reviewed and developed in close association with Farmsafe Australia</p>
Core	AHCWRK403 Supervise work	AHCWRK409 Supervise work	NE	<p>Minor changes to <u>Application</u></p> <p>Re-ordering, amalgamation and consolidation of <u>Performance Criteria</u></p>

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
	routines and staff performance	routines and staff performance		<p><u>Foundation Skills</u> added Oral communication)</p> <p><u>Range of Conditions</u> removed completely</p> <p>Addition of frequency to <u>Performance Evidence</u> and additional focus on the development and communication of staff work plans.</p> <p>Major and minor changes to <u>Knowledge Evidence</u> to focus on workplace requirements applicable to health and safety in the workplace for supervising work routines and staff performance</p> <p><u>Assessment Conditions</u> updated</p>
Core	BSBLDR403 Lead team effectiveness	BSBLDR414 Lead team effectiveness	E	<p>Redesigned unit includes content from <i>BSBLDR403 Lead team effectiveness</i> and, <i>BSBSMB407 Manage a small team</i></p> <p>Minor changes to unit</p>
Core	BSBSMB407 Manage a small team	BSBLDR414 Lead team effectiveness	NE	<p>Redesigned unit includes content from <i>BSBLDR403 Lead team effectiveness</i> and, <i>BSBSMB407 Manage a small team</i></p>
Core	FBPFSY3001 Monitor the implementation of quality and food safety programs	FBPFSY3003 Monitor the implementation of quality and food safety programs	E	<p>Unit title updated</p> <p>Minor changes to Performance Criteria for clarity</p> <p>Foundation Skills refined</p> <p>Performance Evidence clarified</p> <p>Minor changes to Knowledge Evidence and Assessment Conditions</p>
Elective	AHCNSY401 Plan a growing-on program	AHCNSY403 Plan a growing-on program	NE	<p>Major changes to <u>Performance Criteria</u></p> <p><u>Foundation Skills</u> added</p> <p><u>Assessment Requirements</u> updated</p>

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCNSY402 Plan a propagation program	AHCNSY404 Plan a propagation program	NE	Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated
Elective	AHCP401 Recommend plants and cultural practices	AHCP404 Recommend plants and cultural practices	NE	Minor changes to <u>Application</u> Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated
Elective	AHCP501 Diagnose plant health problems	AHCP507 Diagnose plant health problems	NE	Minor changes to <u>Application</u> Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated
Elective	TLIA3016 Use inventory systems to organise stock control	TLIX0004X Administer inventory systems	NE	Major changes to unit
Elective	TLIA3038 Control and order stock	TLIX0013X Maintain stock control and receivals	NE	Major changes to unit
Elective	AHCPHT404 Implement and monitor a horticultural crop harvesting program	AHCPHT411 Implement and monitor a horticultural crop harvesting program	NE	Minor changes to <u>Application</u> Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated
Elective	AHCPHT502 Develop a horticultural production plan	AHCPHT511 Develop a horticultural production plan	NE	Minor changes to <u>Application</u> Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCPHT503 Manage a controlled growing environment	AHCPHT512 Manage a controlled growing environment	NE	Minor changes to <u>Application</u> Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated
Elective	BSBINT303 Organise the importing and exporting of goods	BSBOPS304 Deliver and monitor a service to customers	NE	Redesigned unit includes content from: <i>BSBCUE309 Develop product and service knowledge for customer engagement operation</i> <i>BSBEDU303 Assist with the provision of international education information</i> <i>BSBINT303 Organise the importing and exporting of goods</i> <i>BSBINT304 Assist in the international transfer of services</i> <i>BSBSLS407 Identify and plan sales prospects</i>
Elective	BSBRSK401 Identify risk and apply risk management processes	BSBOPS403 Apply business risk management processes	E	Minor changes to unit
Elective	TAEASS301 Contribute to assessment	TAEASS311 Contribute to assessment	E	Minor changes to unit
Elective	TAEDEL301 Provide work skill instruction	TAEDEL311 Provide work skill instruction	E	Minor changes to unit
Elective	AHPCPM402 Develop a soil health and plant nutrition program	AHPCPM406 Develop a soil health and plant nutrition program	E	Performance criteria clarified Foundation skills added Assessment requirements updated

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Elective	AHCPTH402 Develop a crop regulation program	AHCPTH409 Develop a crop regulation program	E	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated

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