

AHC40324 Certificate IV in Production Horticulture

(was AHC40320)

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

Broad consultation phase has resulted in the additional changes to the qualification:

- AHCPMG401 Implement the pest monitoring and evaluation plan to be included as a Group B elective
- AHCPM405 Implement an integrated pest management program to be included as a Group B elective

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.

AHC40324	Certificate IV in Production Horticulture
<p>Qualification Description</p> <p>This qualification describes the skills and knowledge for supervisory/managerial job roles in the production horticulture industry including grower, field manager, supervisor, crop grower, plant manager, integrated pest manager, quality assurance, compliance manager and human resources manager.</p> <p>Individuals with this qualification perform tasks involving technical skills, problem solving and supervisory skills to operate, monitor and improve performance of production horticulture systems and may supervise staff.</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>	

Key:

Superseded units / recommended replacements

New unit

Additional change

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

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Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 12 units of competency:
 - 5 core units plus
 - 7 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:
 - at least 2 units must be from electives in group A
 - up to 2 units must be from electives in group A or B
 - up to 3 units from the remaining units listed in groups A or B, or any currently endorsed Training Package or accredited course packaged at Certificate III, IV or Diploma.

Core Units

AHCBIO401	Plan and implement a biosecurity program
AHCBUS408	Operate within a budget framework
AHCWHS402	Maintain workplace health and safety processes
AHCWRK404	Implement quality assurance procedures
BSBLDR412	Communicate effectively as a workplace leader

Elective Units

Group A

AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM405	Plan and implement a chemical use program
AHCIRG437	Schedule irrigations
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
AHCPCM509	Apply knowledge of plant physiology to horticultural practices
AHCPHT409	Develop a crop regulation program
AHCPHT411	Implement and monitor a horticultural crop harvesting program
AHCSOL406	Sample soils and interpret results
AHCWRK409	Supervise work routines and staff performance
BSBLDR413	Lead effective workplace relationships

Group B

AHCBUS409	Participate in an e-business supply chain
AHCIRG435	Determine hydraulic parameters for an irrigation system
AHCIRG436	Implement an irrigation-related environmental protection program
AHCIRG445	Manage surface irrigation systems
AHCORG409	Manage biodynamic production
AHCORG411	Manage organic soil improvement
AHCP405	Implement an integrated pest management program
AHCPHT410	Develop harvesting and processing specifications to produce an olive oil
AHCPHT412	Manage mushroom substrate preparation
AHCPHT413	Oversee vineyard practices
AHCPHT414	Assess olive oil for style and quality
AHCPHT415	Control Phase II mushroom substrate process
AHCPHT416	Manage mushroom crop development
AHCPMG401	Implement the pest monitoring and evaluation plan
AHCSOL406	Sample soils and interpret results
AHCSOL407	Develop a soil use map for a property
AHCWRK408	Provide information on issues and policies
BSBMKG431	Assess marketing opportunities

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40324 Certificate IV in Production Horticulture	AHC40320 Certificate IV in Production Horticulture	Updated 2 Core units and 4 Elective units. Added 2 Elective units	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>

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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	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>. <i>'There must be evidence that the individual has maintained workplace health and safety processes on at least one occasion'</i></p>

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				<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	AHCWRK401 Implement and monitor quality assurance procedures	AHCWRK404 Implement quality assurance procedures	NE	<p>Minor changes to unit <u>Title</u> and <u>Application</u>. Wording change to remove 'monitor'</p> <p><u>Performance Criteria</u> re-ordered and three added to cover industry-based systematic approaches to quality assurance, record keeping and document control registers</p> <p><u>Foundation Skills</u> added (Reading, Writing and Oral communication)</p> <p><u>Range of Conditions</u> removed completely</p> <p>Addition of frequency to <u>Performance Evidence</u> and additional points to cover updated systems and procedures for implementing quality assurances across a wide range of industry sectors</p> <p>Addition and removal of specific <u>Knowledge Evidence</u> points. Removal of references to critical control points HACCP and inclusion of record keeping templates and document control registers</p> <p><u>Assessment Conditions</u> updated</p>
Elective	AHCWRK402 Provide	AHCWRK408 Provide information on	NE	<p>Minor changes to <u>Application</u></p> <p>Minor change to <u>Elements</u> 3 and 4. <u>Performance Criteria</u> re-ordered, and consolidated</p>

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
	information on issues and policies	issues and policies		<p><u>Foundation Skills</u> added (Writing and Oral communication)</p> <p><u>Range of Conditions</u> removed completely</p> <p>Addition of frequency to <u>Performance Evidence</u> and minor changes</p> <p>Major and minor changes to <u>Knowledge Evidence</u>. Included methods of assessing the reliability, credibility and authenticity of information and removed references to local, regional, state and national issues and international treaties, agreements and charters</p> <p><u>Assessment Conditions</u> updated</p>
Elective	AHCWRK403 Supervise work routines and staff performance	AHCWRK409 Supervise work routines and staff performance	NE	<p>Minor changes to <u>Application</u></p> <p>Re-ordering, amalgamation and consolidation of <u>Performance Criteria</u></p> <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>

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCORG401 Manage biodynamic production	AHCORG409 Manage biodynamic production	E	Minor changes to Application and Performance Criteria, Performance Evidence, Knowledge Evidence and Assessment Conditions for brevity and clarity Foundation Skills added
Elective	AHCORG403 Manage organic soil improvement	AHCORG411 Manage organic soil improvement	E	Minor changes to Application Minor edits and changes to sequencing of Performance Criteria for clarity Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity Foundation Skills added

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