

AHC30624 Certificate III in Production Horticulture

(was AHC30620)

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 III 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Superseded units / recommended replacements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

Modification History

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

AHC30624	Certificate III in Production Horticulture
<p>Qualification Description</p> <p>This qualification describes the skills and knowledge for job roles in the production horticulture and floriculture industry including field worker, seeding person, operator, irrigation maintainer, machinery maintainer and leading hand.</p> <p>Individuals with this qualification perform tasks involving a broad range of skills that are applied in a wide variety of contexts, which will involve discretion and judgement in selecting and operating equipment, coordinating resources and applying contingency measures during work.</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:
 - 3 core units plus
 - 12 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 III in Production Horticulture.

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

- At least 3 electives must be selected from Group A for the award of the Certificate III in Production Horticulture (Horticulture)
- At least 3 electives must be selected from Group B for the award of the Certificate III in Production Horticulture (Floriculture)
- Plus 6 units from the remaining units listed in groups A, B or C
- 3 from the remaining units listed in groups A, B or C, or any currently endorsed Training Package or accredited course packaged at Certificate II, III or IV.

Core Units

AHCBIO303	Apply biosecurity measures
AHCWHS302	Contribute to workplace health and safety processes
AHCWRK318	Comply with industry quality assurance requirements

Elective Units

Group A Horticulture

AHCBIO301	Identify and report signs of unusual disease or pest
AHCIRG346	Operate pressurised irrigation systems
AHCMOM304	Operate machinery and equipment
AHCPHT313	Implement a post-harvest program
AHCPHT314	Harvest horticultural crops mechanically
AHCPHT315	Establish horticultural crops
AHCPHT317	Coordinate horticultural crop harvesting
AHCWRK320	Apply environmentally sustainable work practices

Group B Floriculture

AHC BIO301	Identify and report signs of unusual disease or pest
AHC NSY308	Maintain nursery plants
AHC NSY309	Receive and dispatch nursery products
AHC PCM305	Implement a plant nutrition program
AHC PCM306	Provide information on plants and their culture
AHC SOL305	Prepare growing media

Group C 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.

AHC BER302	Work effectively in an emergency disease or plant pest response
AHC BER305	Carry out emergency disease or plant pest control procedures on infected premises
AHC BER306	Carry out movement and security procedures
AHC CHM304	Transport and store chemicals
AHC CHM307	Prepare and apply chemicals to control pest, weeds and diseases
AHC CHM308	Use application equipment to apply fumigant in confined spaces
AHC CHM309	Fumigate soil
AHC DRG305	Install drainage systems
AHC DRG306	Measure drainage system performance
AHC DRG307	Troubleshoot drainage systems
AHC HYD301	Implement a maintenance program for hydroponic systems
AHC HYD302	Install hydroponic systems
AHC IRG337	Measure irrigation delivery system performance
AHC IRG338	Troubleshoot irrigation systems
AHC IRG345	Install pressurised irrigation systems
AHC IRG347	Maintain pressurised irrigation systems
AHC MOM202	Operate tractors
AHC MOM301	Coordinate machinery and equipment maintenance and repair

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AHCMOM302	Perform machinery maintenance
AHCMOM305	Operate specialised machinery and equipment
AHCMOM311	Operate precision control technology
AHCMOM315	Operate chemical application machinery and equipment
AHCNSY310	Install and maintain plant displays
AHCNSY311	Promote sales of plants
AHCNSY312	Prepare specialised plants
AHCNSY313	Implement a propagation plan
AHCNSY314	Operate fertigation equipment
AHCPCM405	Implement an integrated pest management program
AHCPGD209	Prune shrubs and small trees
AHCPHT302	Prepare raw materials and compost feedstock
AHCPHT312	Implement a crop regulation program
AHCPHT316	Supervise mushroom substrate preparation
AHCPHT318	Prepare value added compost-based products
AHCPMG301	Control weeds
AHCPMG302	Control plant pests, diseases and disorders
AHCPMG313	Prepare, monitor and maintain biological agents for weeds
AHCPMG401	Implement the pest monitoring and evaluation plan
AHCWAT302	Monitor and operate water treatment processes
AHCWRK212	Work effectively in industry
AHCWRK314	Monitor weather conditions
AHCWRK315	Respond to emergencies
AHCWRK317	Coordinate work site activities
AHCWRK319	Handle bulk materials in a storage area
FBPVIT2012	Identify and treat nursery plant disorders
FBPVIT3001	Coordinate vineyard operations
FBPVIT3002	Maintain field nursery

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FBPVIT3003	Operate spreading and seeding equipment
FBPVIT3004 *	Monitor and maintain nursery plants
FBPVIT3008	Operate a mechanical harvester
FBPVIT3011	Perform shed nursery activities

Prerequisite Units

Unit of competency	Prerequisite requirement
FBPVIT3004 Monitor and maintain nursery plants	FBPVIT2012 Identify and treat nursery plants and disorders

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC30624 Certificate III in Production Horticulture	AHC30620 Certificate III in Production Horticulture	Updated 2 Core units, 7 Elective units and removed 2 deleted 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: AHC30624 Certificate III in Production Horticulture (was AHC30620)

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Core	AHCWRK306 Comply with industry quality assurance requirements	AHCWRK318 Comply with industry quality assurance requirements	NE	<p><u>Elements</u> – unchanged</p> <p><u>Performance Criteria</u> All references to food safety and HACCP removed Added 1.7 Follow industry-based QA practices Added 1.8 Complete internal QA checks according to workplace requirements</p> <p><u>Foundation Skills</u> simplified Removed Navigate the world of work and Get the work done</p> <p><u>Performance Evidence</u> Removed references to identifying food safety hazards where applicable to the industry sector</p> <p><u>Knowledge Evidence</u> Removed references to food safety requirements where applicable to the industry sector and requirements for a HACCP and QA plan Added 'internal QA checking requirements'</p> <p><u>Assessment Conditions</u> - updated Removed references to HACCP. Replaced with references to QA</p>
Core	AHCWHS301 Contribute to work health and safety processes	AHCWHS302 Contribute to workplace health and safety processes	NE	<p><u>Elements</u> Element 3 changed from “<i>Observe safe practices during work operations</i>” to “<i>Follow safe practices during work operations</i>”</p> <p><u>Performance Criteria</u></p>

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				<p>Consolidated so that specific hazards including noise and manual handling risks are covered under “<i>identifying and dealing with risks and hazards according to workplace procedures</i>”</p> <p><u>Foundation Skills</u> added (Reading, Writing and Oral Communication)</p> <p><u>Performance Evidence</u> Frequency added. Now states that there must be evidence “<i>the individual has contributed to workplace health and safety processes on at least one occasion</i>”</p> <p><u>Knowledge Evidence</u> Knowledge of hazard identification and risk management processes is now specified to include risk assessment, risks matrix and hierarchy of controls</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	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></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>
Elective	AHCWRK302 Monitor weather conditions	AHCWRK314 Monitor weather conditions	NE	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> Removed 3.3 Maintain currency of forecasting skills according to workplace procedures and personal requirements</p> <p><u>Foundation Skills</u> table now includes only Reading, Writing and Numeracy. Learning, Navigate the World of Work and Get the Work Done have been removed</p> <p><u>Performance Evidence</u> Monitored weather conditions on at least one occasion has changed to “<i>individual has monitored weather conditions on at least two occasions</i>”</p> <p>Removed:</p> <ul style="list-style-type: none"> • reviewed personal currency of skills in weather forecasting and implemented a personal development plan <p><u>Knowledge Evidence</u> – minor changes</p> <p><u>Assessment Conditions</u> - minor changes</p>

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<p>Elective</p>	<p>AHCWRK303 Respond to emergencies</p>	<p>AHCWRK315 Respond to emergencies</p>	<p>NE</p>	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> - consolidated in Elements 2 and 5.</p> <p><u>Foundation Skills</u> added (Oral Communication)</p> <p><u>Performance Evidence</u> Frequency added. Now states that there must be evidence that the “<i>individual has responded to emergencies on at least two occasions</i>” References to render first aid care and applying basic first aid care have been removed</p> <p><u>Knowledge Evidence</u> Specific steps listed for responding to emergencies are now covered under:</p> <ul style="list-style-type: none"> • workplace requirements and duty of care responsibilities applicable to health and safety in the workplace for responding to emergencies <p><u>Assessment Conditions</u> - updated</p>
<p>Elective</p>	<p>AHCWRK305 Coordinate work site activities</p>	<p>AHCWRK317 Coordinate work site activities</p>	<p>NE</p>	<p><u>Elements</u> - unchanged</p> <p><u>Performance Criteria</u> 1.5 Identify potential hazards and risks, and implement safe working practices to manage risks, in place of, ‘carry out work health and safety risk assessment’. 2.1, 2.2 and 2.3 now include ‘confirm with supervisor’ when organising resources</p> <p><u>Foundation Skills</u> added (Writing, Oral communication and Numeracy)</p> <p><u>Range of Conditions</u> - removed completely</p> <p><u>Performance Evidence</u> - minor changes</p> <p><u>Knowledge Evidence</u> Change to wording with respect to WHS. Now states “<i>workplace requirements applicable to health and safety in the workplace for coordinating work site activities</i>”.</p>

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				<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>
Elective (Specialisation)	AHCWRK309 Apply environmentally sustainable work practices	AHCWRK320 Apply environmentally sustainable work practices	NE	<p><u>Elements</u> – unchanged</p> <p><u>Performance Criteria</u> - minor changes</p> <p><u>Foundation Skills</u> added (Reading, Writing and oral Communication)</p> <p><u>Performance Evidence</u> Frequency added. Now states that there must be evidence that evidence that the individual has “<i>applied environmentally sustainable work practices on at least one occasion</i>” Specifically listed strategies to improve resource usage, reduce waste, employ recycling, re-use or re-purposing are now covered by the point:</p>

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				<ul style="list-style-type: none"> used appropriate techniques and tools to assist in achieving resource efficiencies and environmental targets <p><u>Knowledge Evidence</u> Strategies for improved resource use are listed and also covered under principles of waste management, resources and environmental resources used in own industry sector.</p> <p><u>Assessment Conditions</u> - updated</p>
Elective	AHCWRK308 Handle bulk materials in storage area	AHCWRK319 Handle bulk materials in a storage area	E	<p>Minor changes to unit title and application</p> <p>Major and minor changes to performance criteria and foundation skills</p> <p>Minor edits to performance and knowledge evidence and assessment conditions</p>
Elective	FBPVIT3002 Maintain field nursery	Deleted		
Elective	FBPVIT3011 Perform shed nursery activities	Deleted		