



Australian Government

AHC30110 Certificate III in Agriculture

Release 5

AHC30110 Certificate III in Agriculture

Modification History

Release	TP Version	Comments
5	AHC10v5	Added electives <i>MEM05049B Perform routine gas tungsten arc welding</i> and <i>MEM05050B Perform routine gas metal arc welding</i> Removed elective <i>TLID2010A Operate a forklift</i> in response to new national licencing regulations Equivalent imported units updated
4	AHC10v4	Equivalent imported units updated Added missing prerequisite unit to Packaging Rules
3	AHC10v3	Corrected unit AHCPCM303A name in unit grid
2	AHC10v2.1	Elective bank groupings in AHC30110 were modified to provide greater flexibility
1	AHC10	Initial release

Description

This qualification provides a general vocational outcome in agriculture. The qualification enables individuals to select a livestock production or cropping context as a job focus or, in the case of mixed farming enterprises, both.

Pathways Information

Qualification pathways

Pathways into the qualification

This qualification may be accessed by direct entry.

Pathways from the qualification

Further training pathways from this qualification include, but are not limited to, AHC40110 Certificate IV in Agriculture.

Australian Apprenticeships

This qualification is suitable for an Australian Apprenticeship.

Job roles

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:

- Farm or station hand
- Farm or station worker.
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Licensing/Regulatory Information

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, an individual unit of competency may specify relevant licensing, legislative and/or regulatory requirements.

Entry Requirements

Entry requirements

There are no entry requirements for this qualification.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Listening and understanding • Speaking clearly and directly • Reading and interpreting workplace related documentation • Applying numeracy skills to workplace requirements
Teamwork	<ul style="list-style-type: none"> • Working as an individual and a team member • Working with diverse individuals and groups • Applying knowledge of own role as a part of a team
Problem-solving	<ul style="list-style-type: none"> • Developing practical and creative solutions to workplace problems • Showing interdependence and initiative in identifying problems • Solving problems individually or in teams
Initiative and enterprise	<ul style="list-style-type: none"> • Adapting to new situations • Being creative in response to workplace challenges • Identifying opportunities that might not be obvious to others
Planning and organising	<ul style="list-style-type: none"> • Collecting analysing and organising information • Being appropriately resourceful
Self-management	<ul style="list-style-type: none"> • Monitoring and evaluating own performance • Taking responsibility at the appropriate level
Learning	<ul style="list-style-type: none"> • Being open to learning, new ideas and techniques • Learning in a range of settings including informal learning
Technology	<ul style="list-style-type: none"> • Using technology and related workplace equipment • Using basic technology skills • Applying OHS knowledge when using technology

AHC030309

Packaging Rules

Packaging Rules

Completion of sixteen (16) units made up of two (2) core units and fourteen (14) elective units.

ELECTIVE UNITS

- a minimum of five (5) units must come from elective group A
- a minimum of five (5) units must come from elective groups A or B
- a maximum of four (4) units may be selected from units aligned to Certificates II, III or IV in AHC10 or from any other currently endorsed Training Package or accredited course. Selected units must be relevant to job outcomes in agriculture.

CORE UNITS

Occupational health and safety

Unit code	Unit title
AHCOHS301A	Contribute to OHS processes

Work

Unit code	Unit title
AHCWRK313A	Implement and monitor environmentally sustainable work practices

ELECTIVE UNITS GROUP A

Agribusiness

Unit code	Unit title
AHCAGB301A	Keep records for a primary production business

Biosecurity

Unit code	Unit title
AHCBIO301A	Work effectively in an emergency disease or plant pest response
AHCBIO302A	Identify and report unusual disease or plant pest signs
AHCBIO303A	Carry out emergency disease or plant pest control procedures at infected premises
AHCBIO304A	Carry out movement and security procedures

AHCBIO305A	Monitor and review biosecurity measures
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Broadacre cropping

Unit code	Unit title
AHCBAC301A	Conserve forage
AHCBAC302A	Establish pastures and crops for livestock production
AHCBAC303A	Prepare to receive grains/seeds
AHCBAC304A	Test grains/seeds on receipt
AHCBAC305A	Undertake preparation of land for agricultural crop production
AHCBAC306A	Establish agricultural crops
AHCBAC307A	Maintain agricultural crops
AHCBAC308A	Undertake agricultural crop harvesting activities

Business

Unit code	Unit title
AHCBUS301A	Use hand held e-business tools
BSBFIA301A	Maintain financial records
BSBINM201A	Process and maintain workplace information
BSBITU203A	Communicate electronically
BSBITU306A	Design and produce business documents
BSBWOR204A	Use business technology

Chemicals

Unit code	Unit title
AHCCHM301A	Conduct fumigation in enclosed spaces
AHCCHM302A	Fumigate soil using chemicals
AHCCHM303A	Prepare and apply chemicals

AHCCHM304A	Transport, handle and store chemicals
AHCCHM305A	Conduct manual fumigation of vertebrate and invertebrate pests

First aid

Unit code	Unit title
HLTFA301C	Apply first aid
HLTFA302C	Provide first aid in remote situation

Infrastructure

Unit code	Unit title
AHCINF301A	Implement property improvement, construction and repair
AHCINF302A	Plan and construct an electric fence
AHCINF303A	Plan and construct conventional fencing

Irrigation

Unit code	Unit title
AHCIRG301A	Implement a maintenance program for an irrigation system
AHCIRG304A	Operate gravity fed irrigation systems
AHCIRG305A	Operate pressurised irrigation systems
AHCIRG306A	Troubleshoot irrigation systems

Livestock

Unit code	Unit title
AHCLSK301A	Administer medication to livestock
AHCLSK305A	Maintain livestock water supplies
AHCLSK308A	Identify and draft livestock
AHCLSK309A	Implement animal health control programs
AHCLSK311A	Implement feeding plans for livestock

AHCLSK314A	Prepare animals for parturition
AHCLSK318A	Rear newborn and young livestock
AHCLSK323A	Maintain and monitor feed stocks
AHCLSK324A	Care for and train working dogs
AHCLSK325A	Castrate livestock
AHCLSK331A	Comply with industry animal welfare requirements

Machinery operation and maintenance

Unit code	Unit title
AHCMOM301A	Coordinate machinery and equipment maintenance and repair
AHCMOM302A	Perform machinery maintenance
AHCMOM304A	Operate machinery and equipment
AHCMOM305A	Operate specialised machinery and equipment
AHCMOM306A	Ground spread fertiliser and soil ameliorant
AHCMOM308A	Operate broadacre and row crop harvest machinery and equipment
AHCMOM309A	Operate broadacre sowing machinery and equipment
AHCMOM312A	Operate row crop planting and seeding machinery and equipment

Merchandising and sales

Unit code	Unit title
AHCMER301A	Process customer complaints

Pest management

Unit code	Unit title
AHCPMG301A	Control weeds
AHCPMG302A	Control plant pests, diseases and disorders

Work

Unit code	Unit title
AHCWRK301A	Collect samples for a rural production or horticulture monitoring program
AHCWRK302A	Monitor weather conditions
AHCWRK303A	Respond to emergencies
AHCWRK305A	Coordinate work site activities
AHCWRK306A	Comply with industry quality assurance requirements
AHCWRK308A	Handle bulk materials in storage area
AHCWRK311A	Conduct site inspections

ELECTIVE UNITS GROUP B**Artificial insemination**

Unit code	Unit title
AHCAIS301A	Collect semen
AHCAIS302A	Process and store semen
AHCAIS303A	Artificially inseminate livestock

Drainage

Unit code	Unit title
AHCDRG301A	Install drainage systems

Fire

Unit code	Unit title
CPPFES2005A	Demonstrate first attack fire fighting equipment
PUAFIR204B	Respond to wildfire* <i>PUAFIR201B Prevent injury</i>

Horse breeding

Unit code	Unit title
AHCHBR302A	Carry out basic hoof care procedures
AHCHBR303A	Carry out mare mating or artificial insemination procedures
AHCHBR304A	Educate, ride and care for horses and equipment
AHCHBR305A	Handle and care for stallions
AHCHBR306A	Prevent and treat equine injury and disease
AHCHBR307A	Assess suitability of horses for stock work

Hydroponics

Unit code	Unit title
AHCHYD301A	Implement a maintenance program for hydroponic systems
AHCHYD302A	Install hydroponic systems

Livestock

Unit code	Unit title
AHCLSK302A	Mate and monitor reproduction of alpacas
AHCLSK303A	Carry out feedlot operations
AHCLSK304A	Carry out post-mortem examination of livestock
AHCLSK306A	Coordinate and monitor production performance
AHCLSK307A	Euthanase livestock
AHCLSK310A	Implement feeding plans for intensive production
AHCLSK312A	Coordinate artificial insemination and fertility management of livestock
AHCLSK313A	Monitor livestock production growing environments
AHCLSK315A	Prepare for and implement natural mating of livestock
AHCLSK316A	Prepare livestock for competition

AHCLSK317A	Plan to exhibit livestock
AHCLSK319A	Slaughter livestock
AHCLSK320A	Coordinate and monitor livestock transport
AHCLSK321A	Service and repair bores and windmills
AHCLSK322A	Transport farm produce or bulk materials
AHCLSK326A	Mix and mill standard stockfeed
AHCLSK327A	Collect, store and administer colostrum
AHCLSK328A	Remove and facilitate reuse of effluent and manure from an intensive production system
AHCLSK329A	Implement procedures for calving
AHCLSK330A	Implement procedures for foaling down mares
AHCLSK332A	Monitor animals in intensive production systems
AHCLSK333A	Monitor pen condition and ration suitability

Machinery operation and maintenance

Unit code	Unit title
AHCMOM202A	Operate tractors
AHCMOM206A	Conduct grader operations
AHCMOM207A	Conduct front-end loader operations
AHCMOM307A	Operate a cane harvester
AHCMOM310A	Operate land-forming machinery and equipment
AHCMOM311A	Operate precision control technology
AHCMOM313A	Operate mobile irrigation machinery and equipment
AHCMOM314A	Transport machinery
AHCMOM315A	Operate chemical application machinery and equipment
RIIMPO319A	Conduct backhoe/loader operations

RIIMPO324A	Conduct civil construction grader operations
RIIMPO318B	Conduct civil construction skid steer loader operations
TLILIC2001A	Licence to operate a forklift truck

Plants

Unit code	Unit title
AHCPCM301A	Implement a plant nutrition program
AHCPCM302A	Provide information on plants and their culture
AHCPCM303A	Identify plant specimens
AHCPGD402A	Plan a plant establishment program

Production horticulture

Unit code	Unit title
AHCPHT301A	Carry out a crop regulation program
AHCPHT302A	Coordinate horticultural crop harvesting
AHCPHT303A	Implement a post-harvest program
AHCPHT304A	Harvest horticultural crops mechanically
AHCPHT305A	Regulate crops
AHCPHT306A	Establish horticultural crops

Shearing

Unit code	Unit title
AHCSHG301A	Prepare livestock for shearing
AHCSHG302A	Prepare combs and cutters for machine shearing
AHCSHG306A	Carry out post-shearing procedures
AHCSHG307A	Plan and prepare for alpaca shearing

Soils and media

Unit code	Unit title
AHCSOL401A	Sample soils and interpret results

Tools and equipment

Unit code	Unit title
AHCTEQ301A	Install and terminate extra low voltage wiring systems
MEM05004C	Perform routine oxy acetylene welding
MEM05007C	Perform manual heating and thermal cutting
MEM05049B	Perform routine gas tungsten arc welding
MEM05050B	Perform routine gas metal arc welding
MEM05012C	Perform routine manual metal arc welding
MEM05015D	Weld using manual metal arc welding process* <i>MEM05012C Perform routine manual metal arc welding</i> <i>MEM05051A Select welding processes</i> <i>MEM05052A Apply safe welding practices</i> <i>MEM12023A Perform engineering measurements</i> <i>MEM18001C Use hand tools</i> <i>MEM18002B Use power tools/hand held operations</i>
MEM05017D	Weld using gas metal arc welding process* <i>MEM05050B Perform routine gas metal arc welding</i> <i>MEM05051A Select welding processes</i> <i>MEM05052A Apply safe welding practices</i> <i>MEM12023A Perform engineering measurements</i> <i>MEM18001C Use hand tools</i> <i>MEM18002B Use power tools/hand held operations</i>
MEM05019D	Weld using gas tungsten arc welding process* <i>MEM05049B Perform routine gas tungsten arc welding</i> <i>MEM05051A Select welding processes</i> <i>MEM05052A Apply safe welding practices</i> <i>MEM12023A Perform engineering measurements</i>

	<p><i>MEM18001C Use hand tools</i></p> <p><i>MEM18002B Use power tools/hand held operations</i></p>
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Vertebrate pests

Unit code	Unit title
AHCVPT302A	Implement vertebrate pest control program

Wool

Unit code	Unit title
AHCWOL304A	Prepare fleece wool for classing
AHCWOL308A	Prepare facilities for shearing and crutching
AHCWOL310A	Press wool for a clip
AHCWOL311A	Perform shed duties
AHCWOL312A	Class goat fibre
AHCWOL313A	Class alpaca fleece