



**Australian Government**

# **AHC30116 Certificate III in Agriculture**

**Release 7**

## AHC30116 Certificate III in Agriculture

### Modification History

Release	Comments
Release 7	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 6	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 6.1.
Release 5	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.
Release 4	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 3.0.
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.1.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

### Qualification Description

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

Individuals with this qualification perform tasks in a variety of contexts, which involve some judgement in selecting equipment and services. Job roles vary across different industry sectors and may include:

- Farm or station hand
- Farm or station worker
- Livestock transport driver.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

## Entry Requirements

There are no entry requirements for this qualification.

## Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 16 units of competency:
  - 2 core units plus
  - 14 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.

To provide the *Certificate III in Agriculture*, the electives are to be chosen as follows:

- 5 must be selected from the electives listed in Group A
- 5 must be selected from remaining electives in Group A, or from electives listed in Group B, or from the Prerequisite Requirements list if a unit is a required for packaging the qualification
- 4 may be selected from the remaining electives listed in Groups A or B, or from the Prerequisite Requirements list if a unit is a required for packaging the qualification, or from any currently endorsed Training Package or Accredited Course packaged at Certificate II, III or IV levels.

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

- 10 electives must be selected from Group A, including at least 5 units beginning with the code AHCLSK and at least 5 units beginning with the code TLI for the award of the *Certificate III in Agriculture (Livestock Transport)*.

### Core Units

AHCWHS301	Contribute to work health and safety processes
AHCWRK309	Apply environmentally sustainable work practices

### Elective Units

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.

#### Group A

AHCAGB302	Keep production records for a primary production business
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AHCBAC309	Undertake preparation of land for agricultural crop production
AHCBAC310	Maintain pastures and crops for livestock production
AHCBAC311	Conserve forage
AHCBAC312	Test and grade grains and seeds on receipt
AHCBAC313	Establish pastures and crops for livestock production
AHCBAC314	Prepare to receive grains and seeds
AHCBAC315	Establish agricultural crops
AHCBAC316	Maintain agricultural crops
AHCBAC317	Undertake agricultural crop harvesting activities
AHCBER302	Work effectively in a biosecurity emergency response
AHCBER305	Carry out emergency disease or pest control procedures on infected premises
AHCBER306	Carry out movement and security procedures
AHCBIO301	Identify and report signs of unusual disease or pest
AHCBIO303	Apply biosecurity measures
AHCBUS301	Use hand held e-business tools
AHCCHM304	Transport and store chemicals
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
AHCCHM308	Use application equipment to apply fumigant in confined spaces
AHCCHM309	Fumigate soil
AHCCHM310	Conduct manual fumigation of vertebrate and invertebrate pests
AHCINF301	Implement property improvement, construction and repair
AHCINF302	Plan and construct an electric fence

AHCINF303	Plan and construct conventional fencing
AHCIRG336	Operate and maintain gravity fed irrigation systems
AHCIRG338	Troubleshoot irrigation systems
AHCIRG346	Operate pressurised irrigation systems
AHCLSK301	Administer medication to livestock
AHCLSK305	Maintain livestock water supplies
AHCLSK308	Identify and draft livestock
AHCLSK309	Implement animal health control programs
AHCLSK311	Implement feeding plans for livestock
AHCLSK318	Rear newborn and young livestock
AHCLSK320	Coordinate and monitor livestock transport
AHCLSK323	Maintain and monitor feed stocks
AHCLSK324	Care for and train working dogs
AHCLSK325	Castrate livestock
AHCLSK331	Comply with industry animal welfare requirements
AHCLSK342	Prepare animals for parturition
AHCMER301	Process customer complaints
AHCMOM301	Coordinate machinery and equipment maintenance and repair
AHCMOM302	Perform machinery maintenance
AHCMOM304	Operate machinery and equipment
AHCMOM305	Operate specialised machinery and equipment
AHCMOM306	Ground spread fertiliser and soil ameliorant
AHCMOM308	Operate broadacre and row crop harvest machinery and equipment
AHCMOM309	Operate broadacre sowing machinery and equipment

AHCMOM312	Operate row crop planting and seeding machinery and equipment
AHCPMG301	Control weeds
AHCPMG302	Control plant pests, diseases and disorders
AHCWRK204	Work effectively in the industry
AHCWRK301	Collect samples for a rural production or horticulture monitoring program
AHCWRK302	Monitor weather conditions
AHCWRK303	Respond to emergencies
AHCWRK305	Coordinate work site activities
AHCWRK306	Comply with industry quality assurance requirements
AHCWRK308	Handle bulk materials in storage area
AHCWRK311	Conduct site inspections
BSBFIN302	Maintain financial records
BSBINS201	Process and maintain workplace information
BSBTEC201	Use business software applications
BSBTEC202	Use digital technologies to communicate in a work environment
BSBITEC301	Design and produce business documents
HLTAID011	Provide First Aid
HLTAID013	Provide First Aid in remote or isolated site
TLID0001	Load and unload vehicles carrying special loads
TLID0002	Care for livestock in transit
TLIE0002	Process workplace documentation
TLIE0008	Calculate mass, area and quantify dimensions
TLIE3004	Prepare workplace documents

TLIF2010	Apply fatigue management strategies
TLIH0005	Interpret road maps and navigate pre-determined routes
TLIH0006	Plan and navigate routes

**Group B**

ACMGEN311	Maintain and monitor animal health and wellbeing
ACMGEN312	Provide nutritional requirements for animals
ACMHBR302*	Carry out basic hoof care procedures
ACMHBR310	Prevent and treat equine injury and disease
AHCAIS304	Artificially inseminate livestock
AHCDRG305	Install drainage systems
AHCHYD301	Implement a maintenance program for hydroponic systems
AHCHYD302	Install hydroponic systems
AHCINF304	Install and terminate extra low voltage wiring systems
AHCLSK303	Carry out feedlot operations
AHCLSK304	Carry out post-mortem examination of livestock
AHCLSK306	Coordinate and monitor production performance
AHCLSK307	Euthanase livestock
AHCLSK310	Implement feeding plans for intensive production
AHCLSK313	Monitor livestock production growing environments
AHCLSK316	Prepare livestock for competition
AHCLSK317	Plan to exhibit livestock
AHCLSK319	Slaughter livestock
AHCLSK321	Service and repair bores and windmills
AHCLSK322	Transport farm produce or bulk materials

AHCLSK326	Mix and mill standard stockfeed
AHCLSK327	Collect, store and administer colostrum
AHCLSK328	Remove and facilitate reuse of effluent and manure from an intensive production system
AHCLSK330	Implement procedures for calving
AHCLSK332	Monitor animals in intensive production systems
AHCLSK333	Monitor pen condition and ration suitability
AHCLSK334	Plan, prepare and conduct mulesing procedures
AHCLSK337*	Train, care for and ride horses for stock work
AHCLSK338	Conduct dropped ovary technique procedures for spaying cattle
AHCLSK340	Mate and monitor reproduction of alpacas
AHCLSK341	Coordinate artificial insemination and fertility management of livestock
AHCLSK343	Prepare for and implement natural mating of livestock
AHCMOM202	Operate tractors
AHCMOM206	Conduct grader operations
AHCMOM207	Conduct front-end loader operations
AHCMOM216	Operate side by side utility vehicles
AHCMOM217	Operate quad bikes
AHCMOM307	Operate a cane harvester
AHCMOM310	Operate land-forming machinery and equipment
AHCMOM311	Operate precision control technology
AHCMOM313	Operate mobile irrigation machinery and equipment
AHCMOM314	Transport machinery
AHCMOM315	Operate chemical application machinery and equipment



AHCPCM303	Identify plant specimens
AHCPCM305	Implement a plant nutrition program
AHCPCM306	Provide information on plants and their culture
AHCPGD404	Plan a plant establishment program
AHCPHT312	Implement a crop regulation program
AHCPHT313	Implement a post-harvest program
AHCPHT314	Harvest horticultural crops mechanically
AHCPHT315	Establish horticultural crops
AHCPHT317	Coordinate horticultural crop harvesting
AHCPMG308	Implement pest management strategies
AHCSDT308	Perform tests for quality on seeds
AHCSDT309	Prepare a working sample
AHCSDT310	Identify seeds
AHCSDT412	Perform advanced tests on seeds
AHCSDT413	Handle and store seed subject to quarantine regulations
AHCSDT414	Maintain a quarantine approved laboratory
AHCSHG301	Prepare livestock for shearing
AHCSHG302	Prepare combs and cutters for machine shearing
AHCSHG306	Carry out post-shearing procedures
AHCSOL406	Sample soils and interpret results
AHCSPO309	Process planting seed
AHCSPO310	Treat planting seed
AHCSPO311	Handle, package and store commercial quantities of seed
AHCSPO312	Sample seed before and after processing
AHCWOL304	Prepare fleece wool for classing

AHCWOL308	Prepare facilities for shearing and crutching
AHCWOL310	Press wool for a clip
AHCWOL311	Perform shed duties
CPPFES2005	Demonstrate first attack firefighting equipment
MEM05004	Perform routine oxy fuel gas welding
MEM05007	Perform manual heating and thermal cutting
MEM05012	Perform routine manual metal arc welding
MEM05015*	Weld using manual metal arc welding process
MEM05017*	Weld using gas metal arc welding process
MEM05019*	Weld using gas tungsten arc welding process
MEM05049	Perform routine gas tungsten arc welding
MEM05050	Perform routine gas metal arc welding
PUAFIR204*	Respond to wildfire
PUAFIR210	Prevent injury
PUATEA001	Work in a team
RGRHBR302*	Carry out natural mare mating procedures
RGRHBR303*	Assist with artificial insemination of mares
RGRHBR304*	Assess suitability of horses for specific uses
RGRHBR307	Carry out procedures for foaling down mares
RGRHBR403*	Handle and care for breeding stallions
RIIMPO318F	Conduct civil construction skid steer loader operations
RIIMPO319E	Conduct backhoe/loader operations
RIIMPO324F	Conduct civil construction grader operations
RIIWHS202E	Enter and work in confined spaces
RIIWHS204E	Work safely at heights

TLILIC0003	Licence to operate a forklift truck
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### Prerequisite requirements

Note: Units listed in the *Prerequisite requirement* column that have their own prerequisite requirements are shown with an asterisk (\*)

Unit of competency	Prerequisite requirement
ACMEQU202 Handle horses safely	ACMEQU205 Apply knowledge of horse behaviour
ACMEQU206 Perform horse riding skills at walk, trot and canter	ACMEQU202 Handle horses safely*
ACMHBR302 Carry out basic hoof care procedures	ACMEQU202 Handle horses safely*
AHCLSK218 Ride educated horses to carry out basic stock work	ACMEQU202 Handle horses safely* ACMEQU206 Perform horse riding skills at walk, trot and canter*
AHCLSK337 Train, care for and ride horses for stock work	AHCLSK218 Ride educated horses to carry out basic stock work*
MEM05015 Weld using manual metal arc welding process	MEM05012 Perform routine manual metal arc welding MEM05051 Select welding processes MEM05052 Apply safe welding practices MEM09002 Interpret technical drawing MEM11011 Undertake manual handling MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work safely and effectively in manufacturing and engineering MEM14006 Plan work activities MEM16006 Organise and communicate information MEM18001 Use hand tools MEM18002 Use power tools/hand held operations
MEM05017 Weld using gas metal arc welding process	MEM05050 Perform routine gas metal arc welding MEM05051 Select welding processes

	<p>MEM05052 Apply safe welding practices</p> <p>MEM09002 Interpret technical drawing</p> <p>MEM11011 Undertake manual handling</p> <p>MEM12023 Perform engineering measurements</p> <p>MEM12024 Perform computations</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM14006 Plan work activities</p> <p>MEM16006 Organise and communicate information</p> <p>MEM18001 Use hand tools</p> <p>MEM18002 Use power tools/hand held operations</p>
MEM05019 Weld using gas tungsten arc welding process	<p>MEM05049 Perform routine gas tungsten arc welding</p> <p>MEM05051 Select welding processes</p> <p>MEM05052 Apply safe welding practices</p> <p>MEM09002 Interpret technical drawing</p> <p>MEM11011 Undertake manual handling</p> <p>MEM12023 Perform engineering measurements</p> <p>MEM12024 Perform computations</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM14006 Plan work activities</p> <p>MEM16006 Organise and communicate information</p> <p>MEM18001 Use hand tools</p> <p>MEM18002 Use power tools/hand held operations</p>
PUAFIR204 Respond to wildfire	PUAFIR210 Prevent injury
RGRHBR302 Carry out natural mare mating procedures	ACMEQU202 Handle horses safely*
RGRHBR303 Assist with artificial insemination of mares	ACMEQU202 Handle horses safely*
RGRHBR304 Assess suitability of horses for specific uses	ACMEQU202 Handle horses safely*

RGRHBR403 Handle and care for stallions	ACMEQU202 Handle horses safely*
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## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC30116 Certificate III in Agriculture Release 7	AHC30116 Certificate III in Agriculture Release 6	Minor update to qualification to add units to the list of electives	Equivalent

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>