



**Australian Government**

# **AHC30116 Certificate III in Agriculture**

**Release: 1**

## AHC30116 Certificate III in Agriculture

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### 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.

Industry expects individuals with this qualification to perform tasks involving a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgement in selecting equipment, services or contingency measures.

Job roles vary across different industry sectors and may include:

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

The testamur issued for this qualification is to be titled AHC30116 Certificate III in Agriculture.

An additional descriptor in brackets after the qualification title e.g. AHC30116 Certificate III in Agriculture (Livestock Transport) may be added by a Registered Training Organisation (RTO).

Any additional descriptor should reflect a minimum selection of at least ten sector specific elective units from Group A unit group.

This qualification is suitable for an Australian Apprenticeship.

No occupational 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

Total number of units = 16

- Core Units = 2
- Elective Units = 14

### Core Units

#### Work

Unit Code	Unit Title
AHCWRK309	Apply environmentally sustainable work practices

#### Work health and safety

Unit Code	Unit Title
AHCWHS301	Contribute to work health and safety processes

### Elective Units

- Select 5 units from Group A
- Select 5 units from Group A or Group B
- 4 units aligned to AQF levels 2, 3, or 4 may be selected from the elective list, or this or any other endorsed Training Package or Accredited Course  
Selected units must be relevant to job outcomes in agriculture and must be chosen to ensure the integrity of the qualification outcome at AQF level 3

To achieve the Livestock Transport specialisation, the following units must be selected:

- Select at least 5 units from Group A Livestock sector and at least 5 units from Group A Livestock transport sector.
- Up to 4 units aligned to AQF levels 2, 3, or 4 may be selected from the elective Group A and/or Group B, or this or any other endorsed Training Package or Accredited Course  
Selected units must be relevant to job outcomes in agriculture and must be chosen to ensure the integrity of the qualification outcome at AQF level 3

NOTE: Units marked with an asterisk (\*) require completion of prerequisite Unit/s which is identified under the Unit.

## Group A

### Agribusiness

Unit Code	Unit Title
AHCAGB301	Keep production records for a primary production business

### Biosecurity

Unit Code	Unit Title
AHCBER301	Work effectively in an emergency disease or plant pest response
AHCBER303	Carry out emergency disease or plant pest control procedures at infected premises
AHCBER304	Carry out movement and security procedures
AHCBIO302	Identify and report unusual disease or plant pest signs
AHCBIO305	Apply biosecurity measures

### Broadacre cropping

Unit Code	Unit Title
AHCBAC301	Conserve forage
AHCBAC302	Establish pastures and crops for livestock production
AHCBAC303	Prepare to receive grains and seeds
AHCBAC304	Test grains and seeds on receipt
AHCBAC305	Undertake preparation of land for agricultural crop production
AHCBAC306	Establish agricultural crops
AHCBAC307	Maintain agricultural crops
AHCBAC308	Undertake agricultural crop harvesting activities
AHCBAC310	Maintain pastures and crops for livestock production

### Business

Unit Code	Unit Title
AHCBUS301	Use hand held e-business tools
BSBFIA301	Maintain financial records

BSBINM201	Process and maintain workplace information
BSBITU203	Communicate electronically
BSBITU306	Design and produce business documents
BSBWOR204	Use business technology

### Chemicals

Unit Code	Unit Title
AHCCHM301	Use application equipment to apply fumigant to confined spaces* <i>AHCCHM303 Prepare and apply chemicals</i> <i>AHCCHM304 Transport and store chemicals</i>
AHCCHM302	Fumigate soil* <i>AHCCHM303 Prepare and apply chemicals</i> <i>AHCCHM304 Transport and store chemicals</i>
AHCCHM303	Prepare and apply chemicals
AHCCHM304	Transport and store chemicals
AHCCHM305	Conduct manual fumigation of vertebrate and invertebrate pests* <i>AHCCHM303 Prepare and apply chemicals</i> <i>AHCCHM304 Transport and store chemicals</i>

### First aid

Unit Code	Unit Title
HLTAID003	Provide first aid
HLTAID005	Provide first aid in remote situations

### Infrastructure

Unit Code	Unit Title
AHCINF301	Implement property improvement, construction and repair
AHCINF302	Plan and construct an electric fence
AHCINF303	Plan and construct conventional fencing

**Irrigation**

<b>Unit Code</b>	<b>Unit Title</b>
AHCIRG334	Operate and maintain gravity fed irrigation systems
AHCIRG332	Operate pressurised irrigation systems
AHCIRG306	Troubleshoot irrigation systems

**Livestock**

<b>Unit Code</b>	<b>Unit Title</b>
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
AHCLSK314	Prepare animals for parturition
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

**Livestock Transport**

<b>Unit Code</b>	<b>Unit Title</b>
TLID3014	Load and unload vehicle carrying special loads
TLID3020	Care for livestock in transit
TLIE2008	Process workplace documentation

TLIE3002	Estimate/calculate mass, area and quantify dimensions
TLIE3004	Prepare workplace documents
TLIF2010	Apply fatigue management strategies
TLIH2001	Interpret road maps and navigate pre-determined routes
TLIH3002	Plan and navigate routes

### **Machinery operation and maintenance**

<b>Unit Code</b>	<b>Unit Title</b>
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

### **Merchandising and sales**

<b>Unit Code</b>	<b>Unit Title</b>
AHCMER301	Process customer complaints

### **Pest management**

<b>Unit Code</b>	<b>Unit Title</b>
AHCPMG301	Control weeds
AHCPMG302	Control plant pests, diseases and disorders

### **Work**

<b>Unit Code</b>	<b>Unit Title</b>
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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

## Group B

### Animal care and management

Unit Code	Unit Title
ACMGAS301A	Maintain and monitor animal health and wellbeing
ACMGAS303A	Plan for and provide nutritional requirements for animals

### Artificial insemination

Unit Code	Unit Title
AHCAIS301	Collect semen
AHCAIS302	Process and store semen
AHCAIS303	Artificially inseminate livestock

### Drainage

Unit Code	Unit Title
AHCDRG301	Install drainage systems

### Fire

Unit Code	Unit Title
CPPFES2005A	Demonstrate first attack firefighting equipment



PUAFIR204B	Respond to wildfire* <i>PUAFIR215 Prevent injury</i>
PUATEA001B	Work in a team

### Hydroponics

Unit Code	Unit Title
AHCHYD301	Implement a maintenance program for hydroponic systems
AHCHYD302	Install hydroponic systems

### Livestock

Unit Code	Unit Title
AHCLSK302	Mate and monitor reproduction of alpacas
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
AHCLSK312	Coordinate artificial insemination and fertility management of livestock
AHCLSK313	Monitor livestock production growing environments
AHCLSK315	Prepare for and implement natural mating of livestock
AHCLSK316	Prepare livestock for competition
AHCLSK317	Plan to exhibit livestock
AHCLSK319	Slaughter livestock
AHCLSK320	Coordinate and monitor livestock transport
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
AHCLSK329	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
AHCLSK335	Conduct dropped ovary technique procedures for spaying cattle

### **Machinery operation and maintenance**

<b>Unit Code</b>	<b>Unit Title</b>
AHCMOM202	Operate tractors
AHCMOM206	Conduct grader operations
AHCMOM207	Conduct front-end loader operations
AHCMOM211	Operate side by side utility vehicles
AHCMOM212	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
RIIMPO318E	Conduct civil construction skid steer loader operations
RIIMPO319D	Conduct backhoe/loader operations
RIIMPO324E	Conduct civil construction grader operations
TLILIC2001	Licence to operate a forklift truck

**Plants**

<b>Unit Code</b>	<b>Unit Title</b>
AHPCPM301	Implement a plant nutrition program
AHPCPM302	Provide information on plants and their culture
AHPCPM303	Identify plant specimens
AHCPGD402	Plan a plant establishment program

**Production horticulture**

<b>Unit Code</b>	<b>Unit Title</b>
AHCPHT303	Implement a post-harvest program
AHCPHT304	Harvest horticultural crops mechanically
AHCPHT305	Regulate crops
AHCPHT306	Establish horticultural crops
AHCPHT310	Coordinate horticultural crop harvesting

**Resources and Infrastructure**

<b>Unit Code</b>	<b>Unit Title</b>
RIIWHS202D	Enter and work in confined spaces
RIIWHS204D	Work safely at heights

**Shearing**

<b>Unit Code</b>	<b>Unit Title</b>
AHCSHG301	Prepare livestock for shearing
AHCSHG302	Prepare combs and cutters for machine shearing
AHCSHG306	Carry out post-shearing procedures
AHCSHG307	Plan and prepare for alpaca shearing

**Soils and media**

Unit Code	Unit Title
AHCSOL401	Sample soils and interpret results

### Tools and equipment

Unit Code	Unit Title
AHCINF304	Install and terminate extra low voltage wiring systems
MEM05004C	Perform routine oxy acetylene welding
MEM05007C	Perform manual heating and thermal cutting
MEM05012C	Perform routine manual metal arc welding
MEM05015D	Weld using manual metal arc welding process* <i>MEM05012 Perform routine manual metal arc welding</i> <i>MEM05051 Select welding processes</i> <i>MEM05052 Apply safe welding practices</i> <i>MEM12023 Perform engineering measurements</i> <i>MEM18001 Use hand tools</i> <i>MEM18002 Use power tools/hand held operations</i>
MEM05017D	Weld using gas metal arc welding process* <i>MEM05050 Perform routine gas metal arc welding</i> <i>MEM05051 Select welding processes</i> <i>MEM05052 Apply safe welding practices</i> <i>MEM12023 Perform engineering measurements</i> <i>MEM18001 Use hand tools</i> <i>MEM18002 Use power tools/hand held operations</i>
MEM05019D	Weld using gas tungsten arc welding process* <i>MEM05049 Perform routine gas tungsten arc welding</i> <i>MEM05051 Select welding processes</i> <i>MEM05052 Apply safe welding practices</i> <i>MEM12023 Perform engineering measurements</i> <i>MEM18001 Use hand tools</i> <i>MEM18002 Use power tools/hand held operations</i>

MEM05049B	Perform routine gas tungsten arc welding
MEM05050B	Perform routine gas metal arc welding

### **Pest Management**

<b>Unit Code</b>	<b>Unit Title</b>
AHCPMG308	Implement pest management strategies

### **Wool**

<b>Unit Code</b>	<b>Unit Title</b>
AHCWOL304	Prepare fleece wool for classing
AHCWOL308	Prepare facilities for shearing and crutching
AHCWOL310	Press wool for a clip
AHCWOL311	Perform shed duties
AHCWOL312	Class goat fibre
AHCWOL313	Class alpaca fleece

## **Qualification Mapping Information**

This qualification is not equivalent to AHC30110 Certificate III in Agriculture.

## **Links**

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>