



Australian Government

AHC40116 Certificate IV in Agriculture

Release 7

AHC40116 Certificate IV 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 allows individuals to develop post-trade skills and knowledge to become specialists within the agriculture industry. It is designed to meet the needs of supervisors or team leaders in the agriculture industry.

Individuals with this qualification will take responsibility for their own work and for the quality of the work of others within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable problems. Job roles vary across different industry sectors and include:

- Farm team leader
- Farm supervisor.

No licensing, legislative or certification requirements are known to 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:

- 12 units of competency:
 - 1 core unit plus
 - 11 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:

- 4 units must be selected from Group A electives listed below
- 5 units must be selected from either the remaining Group A electives or from the Group B electives, or from the Prerequisite Requirements list if a unit is a required for packaging the qualification
- up to 2 units may be selected from the remaining electives listed below, or from the Prerequisite Requirements list if a unit is a required for packaging the qualification
- up to 2 units may be selected from any currently endorsed Training Package or Accredited Course packaged in qualifications at AQF levels 3, 4 or 5.

Core Units

AHCWHS401	Maintain work health and safety processes
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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

AHCBAC410	Plan and implement a pasture establishment program
AHCBAC411	Manage pastures for livestock production
AHCBAC412	Supervise agricultural crop establishment
AHCBAC413	Plan and implement agricultural crop maintenance
AHCBAC414	Supervise agricultural crop harvesting
AHCBAC415	Maintain grain quality in storage

AHCBAC416	Save, prepare and store agricultural seed
AHCBIO401	Plan and implement a biosecurity program
AHCCHM405	Plan and implement a chemical use program
AHCDRY402	Manage milking shed operations
AHCLSK317	Plan to exhibit livestock
AHCLSK339	Pregnancy test livestock
AHCLSK341	Coordinate artificial insemination and fertility management of livestock
AHCLSK401	Develop feeding plans for a production system
AHCLSK402	Develop livestock feeding plans
AHCLSK404	Implement and monitor animal welfare programs
AHCLSK405	Implement intensive production systems
AHCLSK406	Oversee animal marking operations
AHCLSK407	Plan and monitor intensive production systems
AHCLSK409	Supervise animal health programs
AHCLSK410	Supervise feedlot operations
AHCLSK412	Arrange livestock purchases
AHCLSK413	Design livestock handling facilities
AHCLSK414	Arrange transport for farm produce or livestock
AHCLSK418*	Escort livestock during export
AHCLSK419*	Manage horses for stock work
AHCLSK421	Supervise natural mating of livestock
AHCLSK422	Identify and select animals for breeding
AHCMOM402	Supervise maintenance of property, machinery and equipment
AHCPMG412	Develop a pest management plan

AHCPRK401	Implement a feeding strategy for pig production
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Group B

AHCAGB404	Plan and implement infrastructure improvements
AHCAGB405	Analyse and interpret production data
AHCAGB406	Keep financial records for primary production business
AHCAIS402	Supervise artificial breeding and embryo transfer programs
AHCBAC409	Provide advice on agronomic products
AHCBUS406	Administer finance, insurance and legal requirements
AHCBUS407	Cost a project
AHCBUS408	Operate within a budget framework
AHCBUS409	Participate in an e-business supply chain
AHCBUS512	Develop and implement family business structures and relationships
AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM406	Provide advice and sell farm chemicals
AHCIRG435	Determine hydraulic parameters for an irrigation system
AHCIRG436	Implement an irrigation-related environmental protection program
AHCIRG437	Schedule irrigations
AHCIRG439	Interpret and apply irrigation designs
AHCIRG442	Supervise irrigation system installation
AHCLSK420	Provide advice on livestock products
AHCMER408	Coordinate customer service and networking activities
AHCMKH401	Carry out cleaning-time tests of milking machines
AHCMKH402	Design and fabricate milking equipment installations

AHCMKH403	Design and install enterprise milk cooling and storage
AHCMKH404	Install milking equipment
AHCMKH405	Performance test milking machines
AHCMOM401	Conduct major repair and overhaul of machinery and equipment
AHCMOM403	Provide advice and sell machinery
AHCORG401	Manage biodynamic production
AHCORG402	Manage organic livestock production
AHCORG403	Manage organic soil improvement
AHCPCM406	Develop a soil health and plant nutrition program
AHCSDT308	Perform tests for quality on seeds
AHCSDT412	Perform advanced tests on seeds
AHCSDT413	Handle and store seed subject to quarantine regulations
AHCSDT414	Maintain a quarantine approved laboratory
AHCSHG402	Conduct equipment experting for machine shearing
AHCSHG405	Arrange employment for shearing operations
AHCSHG407	Prepare shearing team wages
AHCSOL403	Prepare acid sulphate soil management plans
AHCSOL405	Provide information on fertilisers and soil ameliorants
AHCSOL406	Sample soils and interpret results
AHCSOL407	Develop a soil use map for a property
AHCSOL409	Supervise acid sulphate soil remediation and management projects
AHCWOL401	Determine wool classing strategies
AHCWOL402	Use individual fleece measurements to prepare wool for sale

AHCWOL403	Plan, implement and review wool harvesting and clip preparation
AHCWOL404	Establish work routines and manage wool harvesting and preparation staff
AHCWRK401	Implement and monitor quality assurance procedures
AHCWRK402	Provide information on issues and policies
AHCWRK403	Supervise work routines and staff performance
BSBCMM411	Make presentations
BSBESB406	Establish operational strategies and procedures for new business ventures Evaluate and develop small business operations
BSBESB407	Manage finances for new business ventures Manage small business finances
BSBFIN401	Report on financial activity
BSBHRM415	Coordinate recruitment and onboarding
BSBINS402	Coordinate workplace information systems
BSBLDR414	Lead team effectiveness
BSBOPS403	Apply business risk management processes Identify risk and apply risk management processes
BSBPMG428	Apply project life cycle management processes
BSBTEC401	Design and produce complex text documents
MSL913004	Plan and conduct laboratory/field work
MSMSUP280	Manage conflict at work
RGRHBR306*	Raise young horses
RGRHBR401	Maintain horse stud records
RGRHBR403*	Handle and care for breeding stallions
RGRHBR505	Oversee administration of stud records
TAEDEL301	Provide work skill instruction

Prerequisite requirements

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
ACMEQU406 Manage selection of horse for new or inexperienced handler, rider or driver	ACMEQU205 Apply knowledge of horse behaviour
AHCLSK418 Escort livestock during export	AHCLSK307 Euthanase livestock AHCLSK331 Comply with industry animal welfare requirements
AHCLSK419 Manage horses for stock work	ACMEQU406 Manage selection of horse for new or inexperienced handler, rider or driver*
RGRHBR306 Raise young horses	ACMEQU202 Handle horses safely*
RGRHBR403 Handle and care for breeding stallions	ACMEQU202 Handle horses safely*

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40116 Certificate IV in Agriculture Release 7	AHC40116 Certificate IV 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>