Skills Insight

JSC | Jobs and Skills Council
Agribusiness, Fibre, Furnishing, Food, Animal and Environment Care
An Australian Government Initiative

Agriculture Trade Qualification Project

Livestock Production Specialisation

The following document explains the required units a student must complete in order to be awarded the Certificate III in Agricultural Production (Livestock Production). Noting this is based off the units and packaging rules in the draft qualification.

Units of competency listed below can be found in the qualification under Core and Elective Group C.

Typical Occupation Titles

• Agriculturist • Agriculturalist • Agricultural tradesperson • Agricultural technician • Agricultural contractor • Senior farm hand • Leading hand • Livestock handler

Occupational Profile

A person working in Livestock Production raises, cares for and monitors livestock and supports the day-to-day operation of a livestock workplace. They understand how agricultural production systems operate and how production activities, inputs, labour, technology, supply chains, markets, quality assurance and stewardship interact. They apply biosecurity measures, work safely, maintain production records, use agricultural technology and safely transport, store, prepare and apply agricultural chemicals where required.

They may develop capability in maintaining pastures and crops, preparing animals for parturition, administering treatments to livestock, maintain livestock water supplies, identifying and drafting livestock, monitor animal health and condition and carry out the activities needed to support healthy, productive and well-managed herds or flocks. They may feed livestock, coordinate livestock transport, communicate changes in animal health, behaviour, performance and welfare and can work in isolated or remote situations.

They use livestock records, farm technology and production information to monitor activities and performance and provide information that supports day-to-day management decisions. They understand how nutrition, animal health welfare, biosecurity, seasonal conditions and the wider production system influence livestock performance and overall farm productivity.

They prepare animals for parturition, support breeding activities and help ensure animals are cared for appropriately during important stages of the production cycle. They understand the importance of good livestock husbandry and can recognise signs of illness, injury, stress or reduced performance before they become larger problems.

They use farm technology, production records and livestock information to keep track of livestock activities, monitor performance and provide information that helps the farmer, supervisor or manager make day-to-day decisions. They communicate effectively with supervisors, contractors, veterinarians, livestock advisers and other service providers and contribute to productive, profitable and sustainable livestock farming operations.

Capability Theme	What They Can Do	Units of Competency
Looking After Livestock – Group C choices • Monitor animal health • Administer treatments • Implement health programs • Support animal welfare	Keep an eye on animal health, notice problems early, assist with treatments and help keep livestock healthy, productive and well cared for according to the units selected.	AHCLSK344 Administer treatments to livestock AHCLSK351 Implement animal health control programs AHCLSK368 Comply with industry animal welfare requirements
Supporting Breeding Activities – Group C choices • Prepare animals for parturition • Monitor animal condition • Support reproductive activities • Maintain livestock wellbeing	Prepare animals for birth, monitor their condition and help ensure animals are cared for appropriately during important stages of the breeding cycle according to the units selected.	AHCLSK342 Prepare animals for parturition AHCLSK350 Identify and draft livestock AHCLSK359 Coordinate and monitory livestock transport
Feeding Livestock – Group C choices • Provide suitable feed • Monitor feed quality and availability • Maintain pasture and water supplies • Support livestock performance	Help make sure animals receive suitable feed and water, recognise changes in feed quality and availability, and understand how nutrition affects animal growth, condition and performance according to the units selected.	AHCBAC318 Maintain pastures and crops for livestock production AHCLSK347 Maintain livestock water supplies AHCLSK353 Implement feeding plans for livestock
Managing Resources & Chemicals • Use and apply chemicals safely • Implement soil management • Work sustainably	Use chemicals, soil management and environmental practices for livestock production.	AHCCHM304 Transport and store chemicals AHCCHM307 Prepare and apply chemicals to control pest, weeds and diseases AHCSOL3X01 Implement soil management processes AHCWRK320 Apply environmentally sustainable work practices
Monitoring Performance & Using Technology • Maintain records • Understand production systems • Monitor and use livestock technology • Monitor livestock activities and performance • Operate machinery	Use livestock records, farm technology and production information to keep track of livestock activities, monitor performance, meet quality requirements and support day-to-day management decisions.	AHCAGB302 Keep production records for a primary production business AHCMOM317 Operate tractors with attachments AHCTEC3X01 Operate and monitor agricultural production data information technology AHCTEC3X02 Identify and recommend agricultural production system technology AHCWRK318 Comply with industry quality assurance requirements
Supporting Livestock Operations • Understand production systems • Work safely • Operate in remote or isolated work areas • Communicate with others • Support daily operations	Understand how production activities, inputs, resources, labour, technology , supply chains and markets interact. Work safely, communicate with the team, operate in remote or isolated work areas, provide basic first aid and help keep livestock operations running efficiently every day.	AHCWHS302 Contribute to workplace health and safety processes AHCWRK323 Operate in isolated and remote situations AHCWRK3X01 Identify and compare agricultural production systems BSBXCM301 Engage in workplace communications HLTAID011 Provide First Aid

Note: All units in ORANGE represent skills that are common across one or more industry sectors.

Capability themes are used to describe the major areas of work undertaken by agricultural tradespeople. They are provided to illustrate the occupational outcomes supported by the qualification and are not packaging groups or endorsed components of the qualification.

Feedback to consider

Are all the minimally required skills and knowledge listed below?

What is missing?

What is not needed?

Under each unit title in green is an explanation of what outcomes the worker will learn.

Livestock Production

AHCBAC318	Maintain pastures and crops for livestock production *Maintain pastures and crops to support livestock production, including monitoring growth, health and treatment needs*
AHCLSK342	Prepare animals for parturition *Prepare animals for birth by managing nutrition, care and environmental conditions during late pregnancy*
AHCLSK344	Administer treatments to livestock *Administer livestock health treatments and veterinary medicines to support animal health and wellbeing under supervision*
AHCLSK347	Maintain livestock water supplies *Maintain and manage livestock water supply systems to support animal health and production requirements*
AHCLSK350	Identify and draft livestock *Identify, draft and manage livestock into groups for handling, treatment or production purposes*
AHCLSK351	Implement animal health control programs *Implement animal health programs to monitor, prevent and manage livestock health issues*
AHCLSK353	Implement feeding plans for livestock *Implement livestock feeding plans by monitoring animal condition, assessing pasture, and providing appropriate nutrition*
AHCLSK359	Coordinate and monitor livestock transport *Coordinate and monitor the safe and compliant transport of livestock to support animal welfare and operational requirements*
AHCLSK368	Comply with industry animal welfare requirements *Comply with animal welfare requirements to ensure livestock are handled and managed humanely*
AHCWRK323	Operate in isolated and remote situations *Operate safely in remote or isolated environments by planning, preparing and managing risks and emergencies*

AHCAGB302	Keep production records for a primary production business *Keep accurate farm records to support decision-making, track production activities and meet audit or compliance requirements*
AHCBIO303	Apply biosecurity measures *Apply biosecurity measures to prevent, identify and respond to biosecurity risks in agricultural workplaces*
AHCCHM304	Transport and store chemicals *Transport, store and manage chemicals safely in line with regulatory and workplace requirements*
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases *Prepare and apply chemicals safely and effectively to control pests, weeds and diseases*
AHCMOM317	Operate tractors with attachments *Safely operate and maintain tractors with attachments to carry out farm work*
AHCSOL3X01	Implement soil management processes *Implement and monitor soil management practices to maintain soil health and support productive, sustainable farming*
AHCTEC3X01	Operate and monitor agricultural production data information technology *Use digital systems to collect, monitor and analyse farm data, and use information to improve production decisions*
AHCTEC3X02	Identify and recommend agricultural production system technology *Research, assess and recommend farm technologies (machinery, equipment or digital tools) to improve production outcomes*
AHCWHS302	Contribute to workplace health and safety processes *Work safely by following procedures, identifying hazards, and helping manage risks on farm*
AHCWRK318	Comply with industry quality assurance requirements *Follow farm quality and industry standards, keep records, and identify and fix issues that affect product quality*
AHCWRK320	Apply environmentally sustainable work practices *Use resources (like water, fuel and chemicals) efficiently on farm, reduce waste, and meet environmental and biosecurity requirements in day-to-day work*
AHCWRK3X01	Identify and compare agricultural production systems *Understand how agricultural production systems operate and how production activities, technology, markets and other factors interact to influence outcomes*
BSBXCM301	Engage in workplace communications

	Communicate effectively with supervisors, co-workers and contractors to coordinate work, share information and report issues.
HLTAID011	Provide First Aid *Respond to emergencies by providing first aid, including CPR and basic treatment, until medical help arrives*

To provide feedback on the units (skills and knowledge) that make up the Livestock Production specialisation please go to the qualification document and leave a comment.

You can also email your feedback to lucinda@skillsinsight.com.au.

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