



Australian Government

AHCLSK305 Maintain livestock water supplies

Release: 1

AHCLSK305 Maintain livestock water supplies

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to maintain livestock water supplies.

All work must be carried out to comply with workplace procedures, work health and safety, animal welfare and biosecurity legislation and codes of practice and sustainability practices.

This unit applies to individuals who work under broad direction and take responsibility for their own work. They complete routine activities and work in a range of known contexts.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Livestock (LSK)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Identify maintenance requirements	1.1 Check livestock water supplies for quality and inspect for signs of contamination or deterioration, and low or interrupted supply 1.2 Check components of water supply systems for wear, deterioration or malfunctions 1.3 Check and confirm Identified maintenance requirements according to the maintenance plan
2. Prepare for	2.1 Select tools, equipment and materials appropriate to the job

Element	Performance criteria
maintenance	requirements and check for serviceability 2.2 Identify faulty or unsafe tools and segregate for repair or replacement 2.3 Identify hazards, assess risks and implement control measures 2.4 Select and use personal protective equipment
3. Carry out maintenance procedures	3.1 Maintain water systems and equipment to manufacturers specifications, livestock requirements and maintenance plan 3.2 Carry out maintenance and repair of motors where necessary, including fault finding 3.3 Report more complex faults and repair requirements to the supervisor
4. Complete maintenance activities	4.1 Clean worksite, tools and materials, return to operating order and store 4.2 Report malfunctions, faults, and wear or damage to tools for repair or replacement 4.3 Collect, treat and dispose of or recycle unwanted materials and waste from maintenance activities

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCLSK305A Maintain livestock water supplies

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCLSK305 Maintain livestock water supplies

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- identify hazards and implement safe work procedures
- estimate water requirements based on average and peak demand for water
- test and monitor machinery and equipment for correct operation and recognise minor faults and report major faults
- identify the components of a range of water supply systems
- arrange water supply system components and materials
- use hand and power tools safely
- carry out routine servicing and minor repairs on a range of water supply systems and equipment
- work as part of a contract team as required
- demonstrate safe and positive environmental working practices
- test water quality as directed
- read and interpret a water supply plan
- measure and calculate lubrication requirements
- apply relevant work health and safety requirements

Knowledge Evidence

The candidate must demonstrate knowledge of:

- livestock requirements and average and peak demand for water
- operational principles of various pumps and pumping systems
- functions and components of a range of water supply systems
- operation and maintenance of diesel and petrol engines
- factors which affect water quality, various water contaminants and remedial action
- advantages and disadvantages of different types of water supply systems

- State and Territory work health and safety legislative requirements relevant to the job role
- relevant legislative requirements with regard to property water supply systems
- environmental code of practices associated with maintenance activities.

Assessment Conditions

Competency is to be assessed in the work place or workplace and simulated environments that accurately reflect performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

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