



Australian Government

Assessment Requirements for AHCLSK347 Maintain livestock water supplies

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Release 11.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

- There must be evidence that the individual has maintained livestock water supplies on at least two occasions, and has:
- applied relevant workplace health and safety and environment and biosecurity legislation, regulations and workplace procedures
- recognised and reported workplace health and safety hazards and used safe work practices
- estimated water requirements based on average and peak demand for water
- tested and monitored machinery and equipment for correct operation and recognised minor faults and reported major faults
- identified the components of a range of water supply systems
- arranged water supply system components and materials
- used hand and power tools safely
- carried out routine servicing and minor repairs of water supply systems and equipment
- read and interpreted a water supply maintenance plan
- measured and calculated lubrication requirements.

Knowledge Evidence

An individual must be able to demonstrate knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- workplace requirements applicable to health and safety in the workplace for maintaining livestock water supplies, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to maintaining livestock water supplies
- principles and practices for maintaining livestock water supplies, including:
 - 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
- operation and maintenance of solar power systems
- factors that affect water quality, various water contaminants and remedial action
- advantages and disadvantages of different types of water supply systems
- relevant legislative requirements with regard to property water supply systems.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - work instructions and workplace procedures applicable to maintaining livestock water supplies
 - tools, equipment and materials applicable to maintaining livestock water supplies
 - PPE applicable to maintaining livestock water supplies
- specifications:
 - workplace requirements applicable to health and safety in the workplace for maintaining livestock water supplies
 - environment and biosecurity legislation and regulations and workplace practices applicable to maintaining livestock water supplies
 - industry standards, legislation and codes of practice and procedures for maintaining livestock water supplies
- relationships:
 - supervisor
- time frames:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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