



**Australian Government**

# **AHCLSK231 Maintain production growing environments**

**Release: 1**

# AHCLSK231 Maintain production growing environments

## Modification History

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

## Application

This unit of competency describes the skills and knowledge required to maintain growing environments for livestock under production.

The unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They identify and provide solutions to a limited range of predictable problems.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace, and animal welfare legislation, regulations, standards and guidelines, and sustainability and biosecurity practices.

In addition to legal responsibilities, all units of competency dealing with animals in the AHC Agriculture, Horticulture and Conservation and Land Management Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort.

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

## Pre-requisite Unit

Nil

## Unit Sector

Livestock (LSK)

## Elements and Performance Criteria

| Elements                                  | Performance Criteria                                                                            |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Maintain environment                   | 1.1 Follow biosecurity procedures, including access to sheds and boot                           |

| Elements                                  | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| systems                                   | <p>washing</p> <p>1.2 Prepare and use tools and equipment according to supervisor instructions and safe working practices</p> <p>1.3 Identify workplace health and safety hazards and report to supervisor</p> <p>1.4 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task</p> <p>1.5 Carry out shed heating, cooling and ventilation systems maintenance</p> <p>1.6 Check litter and manure conditions and report changes</p> <p>1.7 Maintain lighting programs specified for the production unit and report variations</p> <p>1.8 Clean light globes regularly and report malfunctions</p> <p>1.9 Check feed program is working according to workplace procedures, and report malfunctions</p> <p>1.10 Check feeding times and feed rate when restricted feeding is practised and report malfunctions</p> <p>1.11 Carry out maintenance work according to workplace procedures</p> <p>1.12 Check waterers in sheds and report malfunctions</p> <p>1.13 Check and report missing, faulty or unsafe tools, equipment or PPE to supervisor</p> |
| 2. Observe and assess livestock health    | <p>2.1 Check livestock for signs of illness, injuries and abnormalities and report to supervisor</p> <p>2.2 Carry out disease prevention strategies according to supervisor instructions and workplace environment and biosecurity requirements</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3. Handle livestock                       | <p>3.1 Handle livestock using good stock handling techniques and according to animal welfare practices</p> <p>3.2 Count and identify livestock</p> <p>3.3 Recognise and identify injured, malformed or non-productive livestock, and report to supervisor</p> <p>3.4 Treat livestock according to supervisor instructions, and report the effects of treatment</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

| Skill              | Description                                                                                                                                                                                                                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading            | <ul style="list-style-type: none"> <li>Identify and interpret workplace documentation to identify relevant and key information about production requirements</li> </ul>                                                                                                                                                   |
| Oral communication | <ul style="list-style-type: none"> <li>Use clear language to report livestock treatment and non-productive livestock or livestock with illness, injuries, abnormalities or malformation, and malfunctions, faults, wear or damage to tools and equipment</li> <li>Respond to questions and clarify information</li> </ul> |
| Numeracy           | <ul style="list-style-type: none"> <li>Interpret basic mathematical information in charts, tables or workplace documents</li> <li>Use basic mathematical processes required to calculate feeding rates</li> </ul>                                                                                                         |

## Unit Mapping Information

| Code and title current release                        | Code and title previous release                       | Comments                                                                                                                                                     | Equivalence status |
|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| AHCLSK231<br>Maintain production growing environments | AHCLSK214<br>Maintain production growing environments | Minor changes to application<br><br>Minor changes to elements and performance criteria<br><br>Foundation skills added<br><br>Assessment requirements updated | Equivalent         |

## Links

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

# Assessment Requirements for AHCLSK231 Maintain production growing environments

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## Performance Evidence

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

There must be evidence that individual has maintained production growing environments on at least two occasions, and has:

- followed relevant workplace health and safety and environment and biosecurity legislation, regulations and workplace procedures
- followed relevant animal welfare practices
- maintained environment systems
- observed and assessed livestock health
- treated livestock and reported the effects of treatment
- handled livestock using good stock handling techniques.

## 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 production growing environments
- environment and biosecurity legislation and regulations, workplace practices and quality standards relevant to maintaining production growing environments
- principles and practices for maintaining production growing environments, including:
  - shed heating, cooling and ventilations systems, their functions, maintenance and servicing, and impact of changes on livestock
  - types of litter, functions and impact of litter changes on livestock
  - impact of manure conditions on livestock
  - lighting programs and impact of variations in lighting programs on livestock
  - types of lighting, functions, maintenance and servicing
  - feeding programs and impact of changes and malfunctions on livestock

- restricted feeding and impact of changes and malfunctions on livestock
- watering systems, functions, maintenance and servicing, and the impact of changes and malfunctions on livestock
- types of maintenance work that need to be carried out in a livestock production unit
- signs of health, anatomy, physiology and behaviour of the livestock species
- signs of ill health in the livestock species
- signs of injury, malformation and non-productiveness in livestock
- types of disease prevention strategies and their functions
- good stock handling techniques
- methods for counting and identifying livestock
- types of livestock treatments and assessment of treatment effectiveness
- animal welfare practices.

## 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 monitoring livestock production growing environments
  - tools and equipment applicable to monitoring livestock production growing environments
  - PPE applicable to monitoring livestock production growing environments
  - livestock
- specifications:
  - workplace requirements applicable to health and safety in the workplace for monitoring livestock production growing environments
  - environment and biosecurity legislation and regulations and workplace practices applicable to monitoring livestock production growing environments
  - legislation, regulations, standards, guidelines and procedures for animal welfare applicable to monitoring livestock production growing environments
- relationships:
  - supervisor
- time frames:
  - according to job requirements.

Assessment of this unit must be conducted on live animals.

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

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