



Australian Government

AHCLSK345 Carry out feedlot operations

Release: 1

AHCLSK345 Carry out feedlot operations

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 carry out feedlot operations.

The unit applies to individuals who carry out feedlot operations under broad direction and take responsibility for their own work.

The unit applies to corporate, small scale or opportunity lot feeding of cattle, sheep and goats.

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. Prepare to work with	1.1 Identify work requirements according to work program, and

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
livestock feed	confirm with supervisor if required 1.2 Identify hazards and risks, and implement safe work practices to manage risks 1.3 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task 1.4 Select, check and maintain tools and equipment required for the task 1.5 Identify environmental risks associated with undertaking work in the feedlot, assess likely outcomes and take appropriate action to minimise risks 1.6 Follow biosecurity protocols for feedlot facility 1.7 Identify and comply with legislative, regulatory and industry requirements
2. Mix feed	2.1 Calibrate scales and containers to be used for measurements 2.2 Identify and collect ingredients from storage locations according to work instructions 2.3 Measure ingredients in specified ratios and quantities according to work instructions 2.4 Blend ingredients according to work instructions using appropriate equipment 2.5 Carry out grinding according to work instructions using appropriate equipment
3. Feed livestock	3.1 Store feed appropriately 3.2 Check feed quality, quantity and type on arrival to the shed 3.3 Feed livestock at scheduled time, rate and frequency 3.4 Maintain quality and hygiene of feed throughout the feeding process
4. Apply and maintain feedlot hygiene and biosecurity procedures	4.1 Examine livestock entering feedlot, check their documentation and isolate them for specified period according to workplace biosecurity procedures 4.2 Maintain feedlot cleanliness and hygiene by selecting and using appropriate cleaning methods 4.3 Maintain thorough personal hygiene practices in all activities associated with handling livestock to reduce risks from zoonotic

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	diseases 4.4 Dismantle, clean and replace equipment and fittings 4.5 Place and dispose of waste and debris in allocated areas, and ensure run-off is managed according to the feedlot code of practice, environment legislation and public health standards 4.6 Report work activities and faulty and unserviceable tools, equipment and PPE to supervisor 4.7 Check and sign in visitors to feedlot according to workplace biosecurity management procedures

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	Identify and interpret workplace documentation to identify relevant and key information about feedlot operations
Oral communication	- Use clear language to report work activities and malfunctions, faults, wear or damage to tools and equipment - Respond to questions and clarify information
Numeracy	- Calculate and record routine workplace data - Use basic mathematical processes of addition, subtraction, division, multiplication, percentages, decimal points and ratios

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCLSK345 Carry out feedlot operations	AHCLSK303 Carry out feedlot operations	Minor changes to application Minor changes to elements and performance	Equivalent

		criteria Foundation skills added Assessment requirements updated	
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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 AHCLSK345 Carry out feedlot operations

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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 the individual has carried out feedlot operations 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
- prepared equipment and machinery mixing feed
- identified a range of grain and feed types and qualities
- mixed livestock feed
- fed livestock
- applied and maintained relevant feedlot hygiene
- applied Feedlot Code of Practice, environment legislation and public health standards
- applied workplace biosecurity management procedures of feedlot visitors
- applied relevant animal welfare practices.

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 carrying out feedlot operations, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to carrying out feedlot operations
- principles and practices for carrying out feedlot operations, including:
 - tools and equipment used for working with livestock feed, their functions and maintenance
 - environmental impacts of working with livestock feed, and mitigation methods

- measurement systems for livestock feed, and calibration and maintenance of measuring equipment
- types of grains and feed ingredients, including grains, meals, vitamins, minerals and premix formulations used for feeding livestock, their functions, characteristics and quality assessment methods
- methods and equipment for blending and grinding of feed
- methods of storage and handling of livestock feed and impact of feed quality changes on livestock
- livestock feeding programs and impact of program changes or variations on livestock
- cleaning methods, cleaning agents, their proper use and disposal
- common zoonoses and their impacts on human and livestock health
- management and disposal of waste, debris and run-offs according to feedlot code of practice, environment legislation and public health standards
- workplace biosecurity management procedures of feedlot visitors
- animal welfare practices relevant to carrying out feedlot operations.

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 carrying out feedlot operations
 - tools, equipment and materials applicable to carrying out feedlot operations
 - PPE applicable to carrying out feedlot operations
- specifications:
 - workplace requirements applicable to health and safety in the workplace for carrying out feedlot operations
 - environment and biosecurity legislation and regulations and workplace practices applicable to carrying out feedlot operations
 - feedlot code of practice, environment legislation and public health standards applicable to carrying out feedlot operations
 - workplace biosecurity management procedures of feedlot visitors
 - legislation, regulations, standards, guidelines and procedures for animal welfare applicable to carrying out feedlot operations
- relationships:
 - supervisor and visitors
- 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.

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