



Australian Government

AHCLSK330 Implement procedures for calving

Release: 1

AHCLSK330 Implement procedures for calving

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to prepare for calving, observe and support cows at calving and monitor after calf is born.

The unit applies to individuals who implement procedures for calving under broad direction, and take responsibility for their own work.

All work must be carried out to comply with workplace procedures, health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements in particular the risks associated with Q fever, and sustainability and biosecurity practices.

In addition to legal responsibilities, all units of competency dealing with animals in the AHC 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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for calving	1.1 Identify potential hazards and risks, and implement safe working practices to address risks and biosecurity hazards

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Assess and monitor condition and health status of cow prior to calving 1.3 Select required calving equipment, resources and materials and check for safe operation 1.4 Select, fit, use and maintain personal protective equipment applicable to task 1.5 Graze cows at risk of calving difficulty in an area where intervention can be carried out with as little disruption as possible 1.6 Check mating records and confirm anticipated calving date
2. Observe the calving	2.1 Monitor cows for signs of approaching parturition and throughout calving 2.2 Note signs of calf malpresentation or dystocia from the rate of progress in giving birth and initial orientation of the feet and head
3. Support calving	3.1 Handle calving cows calmly and put in a secure environment according to workplace animal welfare practices 3.2 Clean calving equipment according to workplace hygiene procedures 3.3 Use calving ropes and calf pulling equipment where required, without causing undue harm to female and unborn calf 3.4 Seek specialist veterinary support where normal assistance procedures are not adequate to assist the calving
4. Carry out monitoring after calf has been born	4.1 Check that calves have clear airways and commence breathing, and clear airways where required 4.2 Allow cow to rest and encourage cow to lick the calf as an initial bonding 4.3 Leave the placenta for cow to ingest after calving 4.4 Maintain personal safety when monitoring calves and cows 4.5 Clean and maintain the calving environment and facilities using appropriate hygiene procedures 4.6 Clean and return equipment, resources and materials to required location 4.7 Identify and report unserviceable equipment and resources according to workplace procedures 4.8 Complete calving records according to workplace 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 textual information from a range of sources to identify relevant and key information about calving activities
Writing	Use clear language, accurate industry terminology and logical structure to prepare calving records
Oral communication	- Use clear language with specialist veterinary support to provide information on calving assistance requirements - Use clear language to report equipment and resources unserviceability

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSK330 Implement procedures for calving	AHCLSK329 Implement procedures for calving	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not 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 AHCLSK330 Implement procedures for calving

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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 successfully implemented procedures for calving on at least two occasions and has:

- prepared calving environment, materials and resources to industry standards
- identified risks and applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures, including Q fever
- carried out cow husbandry procedures and recognised signs of imminent calving
- monitored cow condition and recognised abnormal behaviour and presentations
- applied workplace animal welfare practices
- applied contingency measures for calving in the event of difficulties
- applied calving ropes and chains and used suitable calf pulling equipment
- recognised when normal assistance procedures are not adequate to assist the calving and sought specialist veterinary support is required
- recognised abnormalities and progress of calf immediately after birth
- maintained a safe and secure post calving environment.

Knowledge Evidence

An individual must be able to demonstrate the 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 implementing procedures for calving, including Q fever and appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to implementing procedures for calving
- principles and practices of implementing procedures for calving, including:
 - pre and post calving health of cow, including clinical and sub-clinical health
 - calving behaviour and basic health and nutritional requirements as directed

- calving equipment and materials, their components and functions
- calving intervention and non-intervention strategies
- normal calf presentation, and abnormal presentation that may need assistance
- problems associated with calving and intervention
- workplace policies with regard to calving down, recording and reporting routines
- procedures for cleaning and maintaining treatment equipment and materials
- animal welfare legislation, codes of practice and procedures relevant to calving.

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 implementing procedures for calving
 - pregnant cows
 - materials, tools and equipment applicable to implementing procedures for calving
 - PPE applicable to implementing procedures for calving
- specifications:
 - workplace requirements applicable to health and safety in the workplace for implementing procedures for calving, including Q fever
 - environment and biosecurity legislation and regulations and workplace practices applicable to implementing procedures for calving
 - industry standards, legislation and codes of practice and procedures for animal welfare applicable to implementing procedures for calving
- relationships:
 - specialist veterinary support
- timeframes:
 - 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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