



Australian Government

AHCAIS202 Assist with artificial insemination procedures

Release: 1

AHCAIS202 Assist with artificial insemination procedures

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 assist a registered veterinarian or licensed inseminator with artificial insemination (AI) procedures, including assisting with preparing animals for insemination, supporting insemination procedures and cleaning work area..

The unit applies to individuals who assist with artificial insemination procedures under general supervision with limited autonomy or accountability.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements, and biosecurity practices.

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

Pre-requisite Unit

Nil

Unit Sector

Artificial Insemination (AIS)

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. Assist with preparation of animals for insemination	1.1 Confirm with supervisor AI procedure to be undertaken 1.2 Move animals on heat to insemination area 1.3 Restrain animals using safe and humane techniques according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace animal welfare practices 1.4 Prepare tools and equipment according to supervisor instructions 1.5 Select, fit, use and maintain personal protective equipment (PPE) applicable to task 1.6 Check and report faulty or unsafe materials, tools, equipment or PPE to supervisor
2. Support insemination procedure	2.1 Sterilise and clean or dispose of insemination equipment 2.2 Identify and prepare recipient animal 2.3 Restrain recipient animal according to workplace animal welfare practices 2.4 Assist with insemination procedure as directed 2.5 Record details of insemination, identification of the semen used and identities of the female animals according to workplace requirements
3 Clean work area and equipment	3.1 Dispose of waste and debris according to workplace procedures 3.2 Clean and maintain work area, tools and equipment according to workplace procedures 3.3 Return animals to designated area 3.4 Clean and maintain livestock handling equipment according to workplace procedures 3.5 Report malfunctions, faults, wear or damage of tools, equipment, restraints and harnesses to supervisor

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
Oral communication	- Use clear language to report malfunctions, faults wear or damage to tools and livestock handling equipment - Participate in verbal exchanges to respond to questions and clarify

Skill	Description
	information

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCAIS202 Assist with artificial insemination procedures	AHCAIS201 Assist with artificial insemination procedures	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 AHCAIS202 Assist with artificial insemination procedures

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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 assisted with artificial insemination (AI) procedures on at least one occasion, and has:

- assisted with preparation of animals for insemination
- followed workplace animal welfare practices
- followed relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- fitted, used and maintained personal protective equipment (PPE)
- supported insemination procedures
- cleaned work area and equipment on completion of work and disposed of waste
- reported unserviceable tools and equipment.

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 assisting with AI procedures, including appropriate use of PPE
- environment and biosecurity legislation and regulations and workplace practices relevant to AI procedures
- principles and practices of artificial insemination procedures, including:
 - reproductive anatomy and reproductive physiology in the livestock species
 - signs of heat, methods for detection of oestrus and management of animals on heat
 - techniques and methods for humane handling and restraint of the livestock species
 - animal welfare legislation, codes of practice and procedures relevant to assisting with AI of the livestock species
 - types, uses, maintenance, servicing and storage of equipment

- methods and procedures for cleaning of equipment used for AI
- documentation and records that are required
- requirements and procedures for cleaning and maintaining work areas.

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 assisting with AI procedures
 - materials, tools and livestock handling equipment applicable to assisting with AI procedures
 - PPE applicable to artificial insemination procedures
- specifications:
 - workplace requirements applicable to health and safety in the workplace for assisting with AI procedures
 - environment and biosecurity legislation and regulations and workplace practices applicable to AI procedures
 - industry standards, legislation and codes of practice and procedures for animal welfare applicable to AI of the livestock species
- relationships:
 - supervisor
- 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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