



**Australian Government**

# **AHCAIS303 Artificially inseminate livestock**

**Release: 1**

## AHCAIS303 Artificially inseminate livestock

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### Application

This unit of competency describes the skills and knowledge required to artificially inseminate livestock.

All work must be carried out to comply with workplace procedures, work health and safety, animal welfare and biosecurity legislation and codes of practice and sustainability practices.

This unit applies to individuals who work under broad direction and take responsibility for their own work. They complete routine activities and work in a range of known contexts.

In some jurisdictions technicians performing commercial artificial insemination may require accreditation. Specific determination should be sought through the relevant State or Territory.

### Pre-requisite Unit

Nil.

### Unit Sector

Artificial Insemination (AIS)

### Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for insemination of animals	1.1 Organise resources and personnel to ensure optimal timing of the insemination process 1.2 Follow appropriate hygiene procedures 1.3 Access semen supplies from appropriate and reliable sources, and store appropriately 1.4 Prepare animals to maximise success of insemination program 1.5 Follow enterprise work health and safety, animal welfare and

Element	Performance criteria
	biosecurity policies 1.6 Select, use and maintain suitable personal protective equipment and clothing
2. Inseminate animals	2.1 Select, prepare and thaw semen in compliance with relevant codes of practice and industry standards 2.2 Ensure insemination equipment is sterile, clean and used appropriately 2.3 Identify and observe intended recipient and check for signs of ovulation 2.4 Restrain and prepare intended recipient humanely and appropriately for insemination 2.5 Carry out insemination under appropriate hygiene conditions
3. Complete documentation and records	3.1 Document and record data on insemination process accurately and promptly 3.2 Review historical data to measure performance of herd in insemination program 3.3 Calculate and use conception rates to determine success of AI program 3.4 Supply information to relevant authorities to promote research and improvements in industry practice 3.5 Identify and record necessary modifications to herd program to assist continuous improvement processes
4. Clean work area and equipment	4.1 Dispose of waste appropriately in line with enterprise environmental policies 4.2 Clean and maintain work area and equipment appropriately 4.3 Return animals to designated areas

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

This unit is equivalent to AHCAIS303A Artificially inseminate livestock.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>