



Australian Government

AHCAIS301 Collect semen

Release: 1

AHCAIS301 Collect semen

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to routinely collect semen for artificial insemination of 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.

Working with entire male animals is an inherently dangerous activity. Individuals who work at this level must be thoroughly competent in all aspects of handling entire male animals.

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.

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

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 animals for collecting semen	1.1 Follow enterprise work health and safety, biosecurity and animal welfare policies 1.2 Select, use and maintain suitable personal protective equipment and clothing 1.3 Select and prepare appropriate equipment for semen collection

Element	Performance criteria
	1.4 Prepare nominated sire at the appropriate semen collection area 1.5 Collect semen from the nominated sire using appropriate techniques 1.6 Transfer semen to the processing and storage area 1.7 Follow enterprise policies on testing of semen, blood and/or other biological samples for diseases which can be transmitted from male animals to female animals
2. Complete collection procedures	2.1 Carry out post-collection procedures 2.2 Dispose of waste in line with enterprise environmental policies 2.3 Clean work area and equipment appropriately 2.4 Return animals to the designated area
3. Document and record data	3.1 Complete required documentation and records accurately and promptly 3.2 Supply information to relevant authorities to promote research and improvements in industry practice

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 AHCAIS301A Collect semen.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCAIS301 Collect semen

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- prepare animals for collecting semen
- prepare for and undertake hygienic collection of semen
- collect semen using industry approved collection techniques
- transfer semen safely to the preparation and storage area
- handle animals in a humane, stress free, and safe manner
- clean up work areas and equipment and record data.
- follow enterprise work health and safety, biosecurity and animal welfare policies.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- types, uses and maintenance of personal protective equipment
- resource and manpower requirements, biosecurity and animal welfare requirements, industry standards, codes of practice and procedures for artificial insemination of the livestock species
- types, uses, maintenance, servicing and storage of equipment
- requirements and features of semen collection work areas
- requirements, methods and techniques for processing and storage of semen
- techniques and methods for humane handling and restraint of the livestock species
- relevant animal welfare practices for the conduct of artificial insemination in the livestock species
- methods and procedures for cleaning and sterilisation of equipment used for artificial insemination
- types of diseases transmissible from male to female animals through artificial insemination/semen, and methods of testing, control and prevention
- procedures for handling, measurement and usage of cleaning chemicals, disinfectants and sanitisers

- relevant work health and safety policies
- relevant environmental requirements, and procedures for disposal and management of wastes and debris
- requirements and procedures for cleaning and maintaining work areas
- relevant documentation and records that are required.

Assessment Conditions

Competency is to be assessed in the workplace and/or a simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

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