



Australian Government

AHCPLY301 Artificially inseminate poultry

Release: 1

AHCPLY301 Artificially inseminate poultry

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to collect semen and artificially inseminate poultry.

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 use discretion and judgement in the selection and use of available resources.

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

Poultry (PLY)

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 birds	1.1 Schedule timing to ensure availability of resources and personnel 1.2 Implement biosecurity procedures 1.3 Implement animal welfare requirements 1.4 Follow enterprise procedures for personal hygiene 1.5 Follow enterprise work health and safety policies 1.6 Select, use and maintain personal protective equipment 1.7 Prepare, clean and sterilise insemination equipment by following

Element	Performance criteria
	enterprise procedures for cleaning chemicals, disinfectants and sanitisers 1.8 Prepare birds for semen collection and insemination
2. Collect semen	2.1 Identify males for semen collection 2.2 Catch and handle birds appropriately 2.3 Collect semen aseptically 2.4 Store semen
3. Inseminate birds	3.1 Prepare semen for insemination 3.2 Identify intended recipient birds 3.3 Catch, restrain and prepare hen for insemination appropriately 3.4 Inseminate hen using appropriate aseptic procedures 3.5 Return birds to allocated pens
4. Complete hygiene and administration activities	4.1 Dispose of waste and debris according to recommended hygiene standards and environmental policy 4.2 Clean work area appropriately 4.3 Clean, maintain and store equipment appropriately 4.4 Complete records promptly and accurately

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 AHCPLY301A Artificially inseminate birds.

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 AHCPLY301 Artificially inseminate poultry

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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 for artificial insemination of poultry
- apply personal hygiene
- carry out semen collection
- carry out artificial insemination of birds
- complete hygiene and administration activities
- implement biosecurity procedures
- implement animal welfare requirements
- follow enterprise work health and safety policies
- implement enterprise hygiene standards and environmental policy

Knowledge Evidence

The candidate must demonstrate knowledge of:

- resource and manpower requirements, biosecurity requirements, industry standards, codes of practice and procedures for artificial insemination of poultry
- relevant animal welfare practices for the conduct of artificial insemination in poultry
- relevant work health and safety requirements
- collection, handling, storage and use of poultry semen for artificial insemination
- preparation of birds for collection of semen and insemination
- handling, dilution and insemination of poultry
- types, uses, maintenance and storage of equipment
- methods and procedures for cleaning and sterilisation of equipment used for artificial insemination
- procedures for handling, measurement and usage of cleaning chemicals, disinfectants and sanitisers

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

Assessment Conditions

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

Assessors must satisfy current standards for RTOs.

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