



**Australian Government**

**Assessment Requirements for AHCAIS401  
Supervise artificial breeding and embryo  
transfer programs**

**Release: 1**

# Assessment Requirements for AHCAIS401 Supervise artificial breeding and embryo transfer programs

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## 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:

- determine breeding method
- implement breeding method
- monitor and maintain program
- apply work health and safety requirements in the context of own work
- apply biosecurity requirements in the context of own work
- apply animal welfare practices in the context of own work.

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- legislative requirements, biosecurity requirements, codes of practice, industry standards and procedures for artificial insemination and embryo transfer
- resources requirements, types and characteristics of artificial breeding methods and programs
- advantages, disadvantages and cost-benefit analysis of artificial breeding programs for the livestock enterprise
- types, uses and maintenance of personal protective equipment
- requirements, methods and procedures for sourcing, acquiring, transporting and storing genetic material
- relevant anatomy and physiology of female livestock
- reproductive physiology, reproductive behaviour and pregnancy development of female livestock
- requirements and procedures for artificial insemination
- requirements and procedures for embryo transfer

- causes, signs, treatment and management of reproductive diseases and complications in female livestock
- requirements, methods and procedures for improving the success of artificial breeding programs and their impacts on herd performance
- relevant documentation and records that are required
- relevant work health and safety and animal welfare requirements.

## **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.

## **Links**

Companion Volume implementation guides are found in VETNet -

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