



Australian Government

Assessment Requirements for ACMGEN313 Carry out simple breeding procedures

Release: 2

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Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 4.1.
Release 1	This version released with ACM Animal Care and Management Training Package Version 4.0.

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:

- carried out simple breeding procedures for at least two animals, including for each:
 - followed animal welfare and ethics requirements relating to breeding animals
 - applied safe work practices, including the selection, fit and use of personal protective equipment
 - monitored and observed animals and reported on breeding cycle
 - carried out breeding, hatching or parturition and weaning procedures
 - carried out post-weaning management
 - maintained accurate breeding program and animal health-related records.

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:

- overview of animal welfare and ethics requirements relating to breeding animals
- animal behaviour for the relevant species, including:
 - normal and maladaptive
 - mating and sexual behaviour
- male and female reproductive anatomy
- nutrition and health requirements of one or more species at various stages of their life and reproductive cycle
- purpose of keeping breeding data and records
- signs of animal wellbeing, illness or injury

- basic principles of genetics
- ways of determining current reproductive cycle status, through identifying specific indicators, including oestrus, spermatogenesis, sexual behaviour and aggression between males and evidence of mating
- breeding systems, methods and traits to produce the best possible breeding outcomes, health and wellbeing of animals related to species concerned
- functions and requirements of a breeding colony, where relevant
- housing requirements for mother and young of relevant species
- weaning and post-wean management procedures
- key requirements of workplace procedures for health and safety and animal welfare related to animal breeding
- key requirements of state/territory legislative and regulatory and licensing requirements related to animal breeding.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - an animal breeding facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - live animals as specified in the performance evidence that would be part of routine workplace breeding program
- specifications:
 - workplace procedures and documents required for the breeding tasks specified in the performance evidence, including a documented breeding plan for the relevant species or breeds
 - workplace procedures for health and safety and animal welfare.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>