



Australian Government

Assessment Requirements for RGRHBR504 Manage horse breeding operations

Release: 1

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Modification History

Release	Comments
Release 1	This version released with RGR Racing and Breeding Training Package Version 3.0.

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:

- managed breeding operations for a commercial horse stud, over at least one annual breeding period, including:
 - assessed stud requirements
 - managed the breeding calendar of operations
 - managed conception and subfertility
 - managed foaling operations, including foetal loss and abortion in mares
 - evaluated the application of assisted reproductive technologies, where appropriate to industry sector.

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:

- reproductive anatomy and physiology of stallions and mares
- endogenous hormone cycles, functions, and methods to manipulate these to improve breeding efficiency and conception rates
- signs of normal and abnormal breeding behaviour of mares and stallions
- key features of conception, gestation and lactation
- signs and stages of normal and abnormal foaling
- signs and management of neonatal illness and injury
- seasonal breeding practices, limitations and requirements of relevant breed societies
- signs of injury and disease in breeding horses, foals and young horses, including diseases of fertility, infectious diseases impacting fertility, and preventative management, including vaccination

- sources of information on potential sires, dams and genetic material for use in the breeding program
- veterinary and biosecurity procedures, including hygiene protocols and quarantine
- equine facility design principles, and infrastructure and equipment options
- staffing and scheduling of human resource requirements
- breed society rules, regulations and processes
- assisted reproductive technologies
- key requirements for compliance with regulatory and industry requirements for managing horse breeding, including:
 - animal welfare and humane and ethical care of horses
 - work health and safety
 - biosecurity
 - environmental sustainability.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - various live mares and stallions in breeding program, and foals
 - suitable simulations for assisting with cases of abortion
 - breeding histories and relevant reproductive information about individual mares and stallions
 - workplace breeding program and schedules
 - equipment and materials required to manage breeding operations and monitor condition of horses.

Training and assessment strategies must show evidence of the use of guidance provided in the *Companion Volume: User Guide: Safety in Equine Training*.

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=5c4b8489-f7e1-463b-81c8-6ecce6c192a0>