



Australian Government

Assessment Requirements for AHCPHR506 Manage performance horse breeding operations

Release: 1

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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. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- handle horses including mares, foals, young horses and stallions where appropriate
- evaluate the condition and identify common faults of mare and stallion external genitalia
- identify, record and manage general and breeding related health problems, injuries and diseases
- monitor, record and manage behaviour including behaviour related to breeding and foaling
- identify all aspects of the reproductive cycle of the mare including oestrous and dioestrus
- implement medical and veterinary procedures including hygiene protocols, vaccination requirements, medications and treatments including intramuscular and subcutaneous injections
- foal down mares and respond to abnormal foaling and foaling emergencies
- identify and manage healthy and ill neonatal foals
- fit and use relevant equipment such as breeding hobbles, halters, bridles, lip twitches
- develop and implement a range of schedules
- access and analyse current research information on relevant breeding related topics such as emerging assisted reproduction technologies, infertility and dystocia
- conduct research to identify potential stallions, mares and genetic material suitable for use in the breeding program
- identify and implement design requirements to facilitate the safe and effective management of the operations of the stud farm
- apply literacy skills to read and produce written documentation such as breeding documents, breeding and teasing records, contracts, health records, veterinary information
- apply verbal communication skills to communicate with clients, staff, veterinarians and industry professionals
- apply numeracy skills to calculate and calibrate medication dosages, calculate fees and costs, calculate breeding schedules and return to service periods

- apply appropriate animal welfare practices relevant to enterprise and legislative requirements and in accordance with relevant Prevention of Cruelty to Animals acts
- apply work health safety practices relevant to enterprise and legislative requirements
- apply biosecurity requirements relevant to enterprise and legislative requirements
- apply sustainability practices relevant to enterprise and legislative requirements

Knowledge Evidence

The candidate must demonstrate knowledge of:

- stallion reproductive anatomy and physiology
- mare reproductive anatomy and physiology
- 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
- 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
- work health safety standards, policies and procedures relevant to enterprise and legislative requirements
- biosecurity standards, policies and procedures relevant to enterprise and legislative requirements
- animal welfare standards, policies and procedures relevant to enterprise and legislative requirements including relevant Prevention of Cruelty to Animals acts
- environmental management standards, policies and procedures relevant to enterprise and legislative requirements

Assessment Conditions

Assessment must be conducted using a range of live horses including pregnant and foaling mares, foals and could include breeding stallions in a simulated or real work environment.

Horses used in assessments must have been previously assessed as suitable for handling by students who have demonstrated prior professional or industry experience in handling horses. Assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances.

Assessors must satisfy current standards for RTOs.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

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