

**Modification history**

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.
Release 1	This version released with RGR Racing and Breeding Training Package Version 3.0.

<b>RGRHBR502</b>	<b>Manage reproductive outcomes of stallions and mares</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to maximise breeding outcomes through preparing stud stock for breeding, assessing and maximising fertility, responding to foaling problems and emergencies, and managing contracts and leases for breeding stock. This unit is applicable to individuals who have specialised skills, technical and theoretical knowledge, and management responsibilities for the fertility of breeding stock and maximising breeding outcomes for operations within the horse breeding sector.</p> <p>No occupational licensing or certification requirements apply to this unit at the time of publication.</p> <p>Work health and safety and animal welfare legislation relevant to interacting with horses applies to workers in this industry. Requirements vary between industry sectors and state/territory jurisdictions. Users are advised to check with the relevant authority for specific requirements.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Horse Breeding (HBR)

Commented [SH1]: Is there too much overlap between RGRHBR502 and 504 - please advise. If so, which is the preferred unit?

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Manage reproductive performance	<p>1.1 Identify and assess risks associated with managing the reproductive outcomes of stallions and mares for the operation, and implement control measures</p> <p>1.2 Manipulate oestrus to meet breeding program and other requirements</p> <p>1.3 Provide and adjust appropriate levels of nutrition and exercise as breeding animals are let down from work or brought into optimal breeding condition</p> <p>1.4 Collect and analyse semen to assess fertility</p> <p>1.5 Assess breeding health of stud stock and take appropriate action to maximise fertility and breeding performance</p> <p>1.6 Establish education requirements of stallions and provide additional training by experienced handler according to workplace practices</p> <p>1.7 Monitor work health and safety and hygiene procedures and communicate to staff</p> <p><u>1.8 Implement biosecurity and infection control procedures to minimise uterine infection and transmission of sexually transmittable infections and diseases for both stallions and mares</u></p> <p>1.9 Maintain stud records according to workplace requirements</p> <p>1.10 Ensure rules of breed registries, relevant equine disciplines and regulatory requirements are adhered to</p>

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Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Manage foaling and post-foaling problems	2.1 Ensure staff are briefed on safety <u>and site hygiene</u> procedures relating to foaling and post-foaling procedures 2.2 Ensure resources required to support foaling are clean, hygienic and available prior to foaling, and respond to foaling problems 2.3 Monitor the stages of foaling for signs of problems, and provide obstetrical assistance within critical timeframes 2.4 Monitor health of mares and implement an appropriate treatment program 2.5 Monitor vital signs, general health and behaviour of newborn foals and seek veterinary assistance where required 2.6 Provide orphaned foals with specialised care and establish fostering arrangements 2.7 Recognise foal neonatal maladjustment syndrome and implement a care program <u>on advice of veterinarian</u>
3. Negotiate and prepare breeding contracts and leases	3.1 Document requirements of breeding contracts and leasing agreements 3.2 Ensure conditions are agreed to between the parties 3.3 Ensure negotiations conform to established workplace requirements and relevant legislation 3.4 Sign contract or lease document and exchange between parties 3.5 Monitor conditions and obligations, and implement grievance procedures according to contract or lease agreement

### Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

Skill	Description
Reading	<ul style="list-style-type: none"> <li>Interpret and critically analyse complex and formal texts from a range of sources</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Draft text for legal agreements and prepare administrative documentation</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Calculate financial data and information for contracts and leases</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Participate in verbal exchanges to effectively convey and elicit information from staff, veterinarians and other personnel</li> </ul>
Navigate the world of work	<ul style="list-style-type: none"> <li>Work independently and with others, taking responsibility for making decisions to manage horse reproductive outcomes</li> </ul>
Interact with others	<ul style="list-style-type: none"> <li>Use interpersonal skills to establish rapport required for effective relationships with owners and lessees</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>Monitor progress of plans, schedules and contracts, and review and update to meet new demands and priorities</li> </ul>

### Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RGRHBR502 Manage reproductive outcomes of stallions and mares	ACMHBR502 Manage reproductive outcomes of stallions and mares	Code changed to reflect appropriate industry sector usage. Minor changes and new PC1.8 for clarity. Removal of points duplicating performance criteria in Performance Evidence	Equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet:
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RGRHBR502 Manage reproductive outcomes of stallions and mares

	<a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=5c4b8489-f7e1-463b-81c8-6ecce6c192a0">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=5c4b8489-f7e1-463b-81c8-6ecce6c192a0</a>
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<b>TITLE</b>	<b>Assessment requirements for RGRHBR502 Manage reproductive outcomes of stallions and mares</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.                  There must be evidence that the individual has:</p> <ul style="list-style-type: none"> <li>• <del>managed the reproductive performance and outcomes of at least one stallions and three mares</del></li> <li>• <del>managed foaling and post-foaling problems for each mare</del></li> <li>• <del>negotiated and prepared breeding contracts and leases for each stallion and mare.</del></li> </ul> <p><del>managing reproductive performance of at least three stallions and mares                  managing foaling and post-foaling problems, including responding to foaling emergencies                  negotiating and preparing breeding contracts and leases                  assessing and controlling risks related to safe work practices                  maintaining stud records and workplace systems.</del></p>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• principles and practices for managing reproductive outcomes:                         <ul style="list-style-type: none"> <li>• anatomy and physiology of the reproductive organs</li> <li>• <del>reproductive processes in horses, mares and stallions</del></li> <li>• <del>care for pregnant mares including management of caslicked mares</del></li> <li>• animal welfare principles and regulations</li> <li>• ovulation stimulation and synchronisation</li> <li>• educational requirements of stallions</li> <li>• semen collection, analysis and storage</li> </ul> </li> <li>• breed registry and equine discipline rules relevant to breeding, including natural service and/or artificial insemination</li> <li>• workplace breeding guidelines and policies</li> <li>• horse breeding principles</li> <li>• purpose of breeding contracts and leases</li> <li>• purpose of breeding records</li> <li>• signs of normal and abnormal foaling</li> <li>• care of newborn foals and orphaned foals</li> <li>• foaling health and abnormalities</li> <li>• normal foal behaviour</li> <li>• regulatory requirements and codes of practice:                         <ul style="list-style-type: none"> <li>• animal welfare principles and practices</li> <li>• work health and safety</li> <li>• safe horse handling practices</li> <li>• biosecurity and environmental management principles.</li> </ul> </li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions:                         <ul style="list-style-type: none"> <li>• a workplace or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials:                         <ul style="list-style-type: none"> <li>• various mares and stallions in operation breeding program</li> <li>• breeding histories and relevant reproductive information about individual mares and stallions</li> <li>• workplace breeding program</li> <li>• personal protective equipment applicable for task for handler.</li> </ul> </li> </ul> <p>Training and assessment strategies must show evidence of the use of guidance provided in the <i>Companion Volume: User Guide: Safety in Equine Training</i>.</p>	

Commented [SH2]: PE reviewed to remove duplication with PCs

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