

Modification history

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 5.0.

ACMPHR4X9	Select horses based on analysis of pedigree and conformation Analyse performance horse pedigrees
Application	<p>This unit of competency describes the skills and knowledge required to carry out horse bloodstock and pedigree research services across all classes of horses.</p> <p>The unit applies to individuals who evaluate horse pedigrees and conformation to determine the market value and performance potential of individual horses. They work autonomously and apply specialist knowledge and skills to provide and communicate solutions for predictable and at times unpredictable problems.</p> <p>Commonwealth and state/territory health and safety, and animal welfare legislation, regulations and codes of practice relevant to interacting with horses apply to workers in this industry. Requirements vary between industry sectors and jurisdictions.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Performance Horse (PHR) OR Equine (EQU)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Apply basic genetic theories to the assessment of horses	1.1 Identify common inherited faults, abnormalities and genetic disorders of horses 1.2 Interpret horse lineage history and apply genetic inheritance rules to analyse horse pedigrees 1.3 Arrange for DNA testing of parentage and genetic disorders where required
2. Assess conformation of horses selected for a particular purpose	2.1 Assess and describe horse conformation using correct industry terminology 2.2 Evaluate horse conformation according to desired performance or intended purpose 2.3 Evaluate the contribution of the sire and dam to the conformation of the horse 2.4 Interpret pedigree data and lineage history, past performance and sibling performance, breeding outcomes and other traits to rate horse suitability for a particular purpose
3. Purchase horses based on pedigree analysis	3.1 Determine desired requirements of horses for purchasing through auction or private sale 3.2 Assess and rank prospective purchases according to requirements, budget and likely potential of horses to achieve desired goals 3.3 Determine requirements for new registrations or transfer of ownership according to relevant procedures and regulations 3.4 Determine insurance requirements relevant to purchase of horses 3.5 Identify transportation requirements for transfer of horses to new location 3.6 Complete required documentation and organise handover of horses

Commented [SH1]: Is this unit at the correct level? Perhaps AQF5? Is the title accurate? Consider: *Select horses based on analysis of pedigree and conformation?* Is the unit applicable to performance horses only - could it be any horse?

We could replace this unit with SISOEQU015* Acquire and educate horses for sport or recreational programs. The SIS unit has 2 prerequisites <https://training.gov.au/Training/Details/SISOEQU015>

Commented [SH2]: Add PC3.6

ACMPHR4X9 Select horses based on analysis of pedigree and conformation

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Implement education or re-education program	4.1 Assess education or re-education needs of horse 4.2 Determine education techniques suitable to equine cognition, learning ability and natural behaviour 4.3 Determine education techniques to minimise or eliminate unwanted and unsafe behaviours 4.4 Prepare an individual plan to habituate horse to tack and equipment and range of handlers or riders used in program 4.4 Educate horses to program specific activities, exercises or disciplines horses to respond 4.5 Monitor, evaluate and adjust education or re-education program

Commented [SH3]: Suggest another element could be added - TBC

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Interpret and analyse textual information relating to horse pedigree and conformation
Writing	<ul style="list-style-type: none"> Collate data and document pedigree results using industry-specific language
Oral communication	<ul style="list-style-type: none"> Use questioning techniques and language suitable to audience to seek and provide information
Numeracy	<ul style="list-style-type: none"> Collect and interpret a range of data to evaluate horse pedigree and conformation and determine market value

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
ACMPHR4X9 Select horses based on analysis of pedigree and conformation	ACMPHR409 Analyse performance horse pedigrees	Title changed Performance criteria updated for clarity Element 4 added Foundation skills table and assessment requirements updated	Not equivalent

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103
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TITLE	Assessment requirements for ACMPHR4X9 Select horses based on analysis of pedigree and conformation
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> • safely assessed and documented the suitability of at least two performance horses for a particular purpose, including for each horse: <ul style="list-style-type: none"> • researched and evaluated pedigree information and the possibility of common equine genetic disorders • evaluated conformation • purchased at least one horse, including: <ul style="list-style-type: none"> • researched current market conditions relevant to horse breed, class or sport • prepared a list of potential horses for purchase that meet desired goals • organised registration, insurance and transportation of a horse on purchase • prepared and implement an education or re-education program. 	
Knowledge Evidence	
<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"> • performance horse breeds and breed standards • breed society regulations and registration procedures • horse traits and conformation suited to various horse sports • sport horse association and society regulations and registration procedures • principles of genetic inheritance including Mendelian laws relating to dominance, segregation and independent assortment • cytogenetics in relation to common inherited diseases and disorders of horses • situations and requirements relating DNA testing of parentage and genetic disorders • equine pedigrees and performance of sires and dams in individual horse pedigrees • sources of current information about breed or sport of horses under consideration for purchase • types of equine insurance • suitable methods for transporting horses • key requirements of relevant legislation and codes of practice, including: <ul style="list-style-type: none"> • biosecurity and transportation of horses • workplace health and safety relating to interactions with horses • animal welfare relating to the safe, humane and ethical care of horses. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • an equine workplace or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • live horses specified in the performance evidence • information about horse pedigrees and conformation • technology to access information. <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> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet:

Commented [SH4]: Does it need to be a performance horse?

Commented [SH5]: Is one horse sufficient?

Commented [SH6]: Include additional point if element 4 is accepted

Commented [SH7]: Does it need to be a performance horse?

ACMPHR4X9 Select horses based on analysis of pedigree and conformation

	https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103
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