

Modification history

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

ACMPHR405 (ACMEQU5X2)	Manage equine health and welfare
Application	<p>This unit of competency covers the skills and knowledge required to develop, implement and evaluate horse health and treatment programs to manage the positive health and welfare of horses. The unit applies to all horse classes, ages and uses, covering establishments such as training and breeding facilities, riding schools and agistment centres.</p> <p>The unit applies to individuals, with prior industry or professional experience working with horses, who are responsible for maintaining the health and welfare of horses within a horse facility. They work autonomously and apply specialist knowledge and skills to provide and communicate solutions for predictable and 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 occupational licensing or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Equine (EQU) Performance Horse (PHR)

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. Identify and assess indicators of horse health	1.1 Identify health issues associated with equine anatomy and physiology and the impact of environmental factors on horse health 1.2 Determine the soundness and basic health of a horse using indicators of normal and abnormal body system function and appraisal of vital signs 1.3 Identify common equine diseases, injuries and appropriate treatments associated with each body system
2. Establish a horse health strategy	2.1 Develop a health care strategy incorporating routine procedures, preventative treatment programs and health plans recommended by equine health professionals 2.2 Assess condition of competition horses on a regular basis and record individual health indicators according to workplace requirements 2.3 Assess horse for injuries, fatigue, health and general fitness pre and post exercise or competition 2.4 Identify and source preventative health treatments and store safely according to manufacturer specifications and workplace procedures 2.5 Organise facilities and equipment required to implement the health strategy 2.6 Communicate details of health strategy and routine procedures to team members and seek their input 2.7 Train team members in horse health care procedures and safe work, infection control and biosecurity procedures

Commented [SH1]: Suggest this unit is AQF 5 Updates have been made to focus on developing and implementing an overall strategy and aligning to AQF 5

- Title updated
- Sector code changed to EQU

Make the unit be broad / applicable to all horses not only performance horses - Impacts on PC2.1, 2.5, 3.1

The unit is very detailed - can it be simplified/streamlined?

Commented [SH2]: Similar to 2.1? Move to 2.2? Delete?

Commented [SH3]: Team member used instead of staff

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Implement preventative treatment programs	3.1 Evaluate the condition of competition horses systematically and determine whether veterinary intervention or other action is required 3.2 Identify and analyse signs of disease or injury and refer to veterinarian or equine specialist for advice and treatment 3.3 Implement preventative treatment programs according to veterinary advice 3.4 Determine action required where horse behaviour or physiology condition indicates a treatment program is not working 3.5 Apply isolation or quarantine measures, where required, to prevent the spread of infectious diseases and parasitic infection outbreaks 3.6 Identify signs of and report notifiable diseases according to workplace procedures and legislative requirements
4. Manage the implementation of health plans recommended by equine health professionals	4.1 Assist equine health professionals with the safe examination and care of horses 4.2 Administer and monitor routine health treatments and medications, according to advice from veterinarian or other equine health professional 4.3 Inspect horse teeth as part of an equine dental program, using safe, low stress horse handling techniques, to determine the need for further action 4.4 Apply basic hoof care procedures, using safe, low stress horse handling techniques, to address common hoof problems 4.5 Record results of teeth, hoof and other health inspections and treatments according to workplace health procedures 4.6 Evaluate alternative therapies in common use for performance horses (and determine if needed in consultation with line manager)
5. Evaluate the health strategy	5.1 Monitor horses during and after health treatment for signs of efficacy of treatments and other health problems 5.2 Review health treatment outcomes and procedures for effective management planning and benchmarking best practice 5.3 Store or dispose of surplus medications and treatments safely according to manufacturer recommendations, workplace health and safety and environmental management requirements 5.4 Document health treatments accurately and maintain records according to legislative and workplace requirements 5.5 Implement a policy and procedure for humane euthanasia and disposal of bodies, according to local government regulations and applicable legislation

Commented [SH4]: How would this be done? Consider rewording to:

5.2 Review health treatment outcomes to inform continuous improvement and update health strategy as required

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"> Research and interpret key information in technical reports, scientific papers, and treatment records
Writing	<ul style="list-style-type: none"> Record and report specific information logically using appropriate formats and structures, and update based on outcomes of action
Oral communication	<ul style="list-style-type: none"> Participate in verbal exchanges with clients, team members, and equine health professionals to effectively convey and elicit information
Numeracy	<ul style="list-style-type: none"> Measure and calculate volume, quantity and weight relevant to administering health and treatment programs Calculate financial costs and charges Calibrate equipment used in health and treatment programs

ACMEQU5X2 Manage equine health and welfare

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
ACMEQU5X2 Manage equine health and welfare	ACMPHR405 Develop and implement an equine health and welfare strategy	Title changed Code updated to reflect sector change and AQF alignment Changes to performance criteria for clarity and to reflect AQF level 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 ACMEQU5X2 Manage equine health and welfare
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria of this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> • established and evaluated a horse health strategy for an equine workplace, including: <ul style="list-style-type: none"> • documented a health care strategy • trained and monitored at least two team members in horse health care procedures and compliance with safe work, infection control and biosecurity practices • implemented and recorded horse health care plans for at least three horses, including for each horse: <ul style="list-style-type: none"> • assessed and recorded indicators of horse health • completed routine, daily checks on at least five occasions • completed a preventative treatment program • incorporated and implemented recommendations from two different equine health professionals into the health care plan of two of the three horses above. 	
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"> • key features of horse anatomy and <u>physiology</u> • common equine health conditions, diseases and injuries, including signs, causes and treatment options • common preventative health treatments, including parasite treatments and vaccinations • role and types of services offered by equine health professionals, including: <ul style="list-style-type: none"> • veterinarians • farriers and hoof care practitioners • equine dentists • body work or massage therapists • alternative equine therapies • horse educators to address behaviours impacting on health and welfare • indicators of horse dental age, health and problems • indicators of hoof problems and basic hoof care techniques, including rasping and shaping the hoof and removing shoes • key requirements of workplace health and safety requirements relating to: <ul style="list-style-type: none"> • risk assessment and control relating to safe interactions with horses • due diligence for safety of team members and other personnel • safe, low stress horse handling techniques • safe handling and storage of medicines, chemicals and cleaning agents • personal protective equipment (PPE) • key requirements of infection control and biosecurity relevant to horse disease, hygiene, notifiable diseases, and quarantine or isolation procedures • key requirements of animal welfare legislation and codes of practice relating to 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 performance horses assessed as suitable for the skills and experience of the individual • equipment, materials and treatments required for activities specified in the performance evidence • PPE correctly fitted and applicable to activity • specifications: 	

Commented [SH5]: Add in?

- basic structures and functions of equine physiological systems, including:
 - respiratory system
 - musculoskeletal system
 - digestive system
 - nervous system
 - reproductive system
 - temperature regulation (?)

Assessment Conditions

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| <ul style="list-style-type: none">• workplace health care procedures• records of horse health and treatment• relationships:<ul style="list-style-type: none">• team members• equine health professionals. |
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<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

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