



Australian Government

ACMFAR311 Fit shoes to alleviate severe faults and defects in equines

Release: 1

ACMFAR311 Fit shoes to alleviate severe faults and defects in equines

Modification History

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

Application

This unit of competency describes the skills and knowledge required to fit shoes to equines that exhibit a range of severe faults and defects where the level of assessment and remedial technique is regarded as severe. It includes shaping and fitting heart bar, straight bar and lateral extension hind shoes.

The unit applies to individuals who use specialised knowledge and technical skills to perform farriery services across different equine industry sectors.

No occupational licensing or certification requirements apply to this unit at the time of publication.

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.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Farriery (FAR)

Elements and Performance Criteria

Elements	Performance Criteria
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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify shoeing needs of individual equines	1.1 Handle equines to reduce stress and alarm, monitor behaviour to eliminate risks to equine and handlers and use restraints according to workplace practices 1.2 Observe gait and conformation of the equine to identify severe faults and defects that may be alleviated 1.3 Adopt a working position that maintains comfort of the equine and ensures comfort and personal safety 1.4 Use appropriate tools to remove shoes, ensuring no damage is caused to the feet 1.5 Clean feet of foreign bodies to facilitate examination of the hoof 1.6 Examine the shoe and assess implications of the wear pattern 1.7 Report any conditions requiring higher-level treatment by a veterinarian or other specialist 1.8 Amend the shoeing plan, taking into account conditions of the feet not previously identifiable
2. Trim and prepare feet	2.1 Use shoeing tools to trim and prepare feet to achieve balance, level and shape and to correct any identified foot defects 2.2 Conduct trimming operations without injury to the feet of the equine 2.3 Check work while in progress and on completion to ensure quality outcomes of foot preparation have been achieved
3. Fit shoes	3.1 Select correct type, material and size of shoes and make modifications according to shoeing plan 3.2 Select suitable tools to fit shoes 3.3 Shape selected shoes to incorporate any ancillary features as determined by the shoeing plan 3.4 Fit shoes to fore and hind feet and assess the need for any final adjustments 3.5 Make final adjustments to the shape and size of the shoe and ancillary features to achieve correct fit
4. Attach shoes and finish shoeing process	4.1 Select suitable tools and nails for attaching and clenching shoes 4.2 Attach the shoe safely, securely and in the correct position 4.3 Finish the hoof according to specification and assess the finished job and the welfare of the equine 4.4 Trot and/or walk the equine to identify any signs of lameness

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.5 Inform the responsible person of farriery procedures completed and advise on future foot care requirements and welfare of the equine 4.6 Update records of service according to workplace practices

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
Writing	Record specifications and shoe plans for individual equines accurately in workplace documentation
Numeracy	Use measuring devices and take measurements accurately
Navigate the world of work	Take responsibility for adherence to workplace procedures and codes of practice, including safety, animal welfare and biosecurity requirements, relating to own role and work area
Interact with others	Follow accepted communication practices and protocols for reporting information to clients and specialists using industry-standard terminology and concepts suitable for audience
Get the work done	- Observe and examine equines, using safe handling techniques, to determine foot and shoe care requirements - Plan, sequence and prioritise tasks and assemble equipment to make shoes to meet specific requirements of equines

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMFAR311 Fit shoes to alleviate severe faults and defects in equines	ACMFAR311A Fit shoes to alleviate severe faults and defects in horses	Updated to meet Standards for Training Packages Minor changes to	Equivalent unit

		clarify intent of unit Use of the term equine instead of horse to reflect scope of work	
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Links

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

Assessment Requirements for ACMFAR311 Fit shoes to alleviate severe faults and defects in equines

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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 assessed the shoeing needs and selected and fitted shoes on at least two individual equines (or appropriate simulations) exhibiting severe faults and defects of the foot or lower limb including:

- straight bar shoe
- heart bar and egg bar shoe
- lateral extension hind shoe.

In carrying out the above, the individual must have:

- observed gait and conformation and examined shoe wear to identify individual equine needs
- used safe handling techniques and monitored safety risks throughout shoe-fitting process
- reported conditions requiring higher-level treatment to other farriers or to veterinarians involved with hoof care
- trimmed and prepared feet
- modified shoes to accommodate multiple variations
- assessed quality of outcomes of fitted shoes
- provided advice on future hoof care requirements
- maintained records of service provided.

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:

- principles and practices for fitting shoes to alleviate severe faults and defects in equines, covering:

- anatomical features of the lower limb and foot of the equine and applicable biomechanical functions
- symptoms and presentation of severe foot faults and problems
- conformation, normal gait and abnormalities of gait and how the farrier can alleviate a range of severe faults and foot problems through shoeing
- effects of trimming on the stance and action of the equine
- limits of safe trimming and why these must not be exceeded
- types of orthopaedic shoes and modifications that may be made to address the needs of an equine exhibiting severe faults and defects
- key principles of animal welfare legislation as applied to farriery services
- safe work practices, including:
 - identifying hazards and assessing and controlling risks
 - manual handling
 - using personal protective equipment (PPE)
 - safe zones and equine handling techniques.

Assessment Conditions

Assessment of this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace or simulated environment that accurately reflects performance in a real workplace setting
- resources, equipment and materials:
 - various compliant and manageable equines, assessed as suitable for the skill and experience of the individual, or appropriate simulations such as equine cadaver legs – with severe faults and defects of the foot or lower limb
 - measuring and recording tools
 - appropriate tack for equine and activity
 - tools, equipment and materials for modifying and fitting shoes
 - PPE correctly fitted and applicable to fitting shoes for individual equine.

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

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