



Australian Government

ACMFAR307 Make standard shoes for a range of equines

Release: 2

ACMFAR307 Make standard shoes for a range of equines

Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 2.0.
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 make standard shoes to specifications for a range of healthy equines.

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

Workplace 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.

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

Pre-requisite Unit

Nil

Unit Sector

Farriery (FAR)

Elements and Performance Criteria

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. Select resources and materials for making standard	1.1 Select the materials and hand tools for the technique to be used

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
shoes	1.2 Identify, fit and use personal protective equipment according to health and safety in the workplace procedures 1.3 Check tools and equipment are in good order and repair or replace according to workplace procedures 1.4 Identify common steel types for making shoes 1.5 Identify dimensions used in standard shoes for healthy equines
2. Determine specific shoe requirements	2.1 Determine the most suitable shoe, its dimensions and the appropriate steel for a particular equine and its work 2.2 Measure equine fore and hind feet, using safe handling techniques, and make allowance for a range of variants 2.3 Determine and record specifications for the required shoes according to equine requirements
3. Make sets of standard shoes	3.1 Determine and cut the steel length required from measurements and specifications 3.2 Heat steel in the forge to a malleable working temperature 3.3 Maintain the forge fire at working temperature and monitor potential hazards and risks 3.4 Perform standard steps in making shoes, including the marking, fitment, shaping and finishing of the shoe according to equine requirements 3.5 Use correct posture and balance when using tools to perform activities 3.6 Perform final fitting, check fit against quality standards and make any required alterations to obtain optimum final fit

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
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Skill	Description
Writing	Record shoe specifications for individual equines in workplace register or documentation
Numeracy	• Use measuring devices and take measurements accurately • Monitor temperature gauges
Navigate the world of work	• Take responsibility for adherence to workplace and safety requirements relating to own role and work area
Get the work done	• Plan, sequence and prioritise tasks and assemble equipment to make shoes for a range of equines

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMFAR307 Make standard shoes for a range of equines Release 2	ACMFAR307 Make standard shoes for a range of equines Release 1	Minor changes to clarify intent of unit. Assessment requirements updated.	Equivalent unit

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 ACMFAR307 Make standard shoes for a range of 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 has:

- assessed shoe needs and produced shoe specifications
- organised resources and materials, and maintained forge fire at appropriate temperature
- made one set (front and hind) of plain stamped shoes and one set of fullered shoes
- made three different modifications or alterations to standard shoes from the following list to ensure optimal fit for healthy equines:
 - stud holes
 - roller toe, rocker toe, square toe
 - wedged heel, extended heel, trailer heel
- adjusted shoes to ensure correct fit.

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:

- shoes required for a range of equines, including:
 - sizes, styles and types
 - hand made
 - reasons for use of various metal types and dimensions in shoe making
 - gauge of steel and weight of shoe
- considerations and variants that apply in making shoes to fit an individual equine, including:
 - type or breed of equine
 - level of work or discipline of equine

- gait and movement of the hoof wall with weight bearing
- process for making shoes, including:
 - marking the length and cutting the bar stock
 - creating the toe bend
 - marking and punching the nail holes
 - levelling the shoe
 - forming and finishing the heels
- quality standards in fitting shoes, including:
 - fit, balance and comfort of shoe
 - nail holes - size, position and security
 - no burrs or sharp edges
- safe work practices, including:
 - safe handling techniques for equines
 - manual handling
 - using personal protective equipment (PPE)
 - use of flammable materials and equipment
 - use of chemicals and quenching materials
 - safe disposal of wastes.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or 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 candidate or appropriate simulation such as equine cadaver legs
 - forge and welding resources
 - equipment, tools and materials needed to make shoes for equines
 - PPE correctly fitted and appropriate for task for individual.

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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