



Australian Government

ACMFAR318 Repair and manufacture hand tools used in farriery

Release: 1

ACMFAR318 Repair and manufacture hand tools used in farriery

Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to maintain, repair and make a variety of tools used in standard farriery workplaces. Tools are made by hand by the farrier when commercially unavailable or when commercially available tools are deemed to be unsuitable for the specific purpose identified.

The unit applies to individuals who use hand tools to perform farriery services across different equine industry sectors.

No occupational licensing, legislative, regulatory 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. Identify tools requiring repair, replacement or manufacture	1.1 Identify unsafe, faulty or unsuitable hand tools and mark them for repair, replacement or manufacture 1.2 Determine specifications for those hand tools to be maintained, repaired or made 1.3 Confirm work instructions or seek advice from appropriate personnel

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. Maintain, repair or make hand tools used in farriery	2.1 Follow workplace health and safety requirements, and select, use, maintain and store personal protective equipment, according to the type of work activity undertaken 2.2 Make or repair hand tools according to workplace practices and safety procedures 2.3 Temper or harden tools that are newly made or repaired 2.4 Use appropriate quenching agents according to workplace requirements 2.5 Check finished tool against specifications and quality requirements
3. Store hand tools	3.1 Store repaired or newly made hand tools according to workplace practices 3.2 Dispose of waste material safely according to workplace procedures

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	Interpret instructions and diagrams to repair and make hand tools
Numeracy	Use measuring devices and take measurements accurately
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 maintain, repair or make hand tools used in farriery - Monitor safety and risk factors while carrying out work

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMFAR318 Repair and manufacture hand tools used in farriery	ACMFAR306 Maintain, repair and manufacture hand tools used in farriery	Changes to clarify assessment requirements and title.	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 ACMFAR318 Repair and manufacture hand tools used in farriery

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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:

- made at least three different hand tools, to given specifications and requirements, from the list below:
 - hoof pick
 - pritchel - hot work pritchel or fitting up pritchel
 - punch - centre punch, stud punch or bob punch
 - stamp - e-head stamp or plain nail stamp
 - fuller/creaser
- re-set, sharpened and/or repaired at least two different farriery hand tools from the list below:
 - tongs
 - nippers/hoof cutters
 - buffer (clench cutter)
 - hoof knife.

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:

- types and purpose of commercially available hand tools used by farriers, including:
 - buffer
 - forge tongs
 - fuller/creaser
 - pritchels
 - punches
 - stamps

- toe knife
- driving hammer
- reasons and techniques for maintaining, repairing and/or sharpening hand tools
- materials tools are made from, techniques for sharpening or quenching, behaviour of various metals
- processes used in making, repairing and manufacturing of hand tools used by farriers
- workplace health and safety requirements including:
 - using personal protective equipment (PPE)
- safe work practices, including:
 - manual handling
 - use of flammable materials and equipment
 - use of chemicals and quenching materials
 - safe disposal of wastes
- workplace tool storage procedures
- purpose of workplace registers, inventories or other systems or documentation.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately reflects performance in a real workplace setting
- resources, equipment and materials:
 - selection of hand tools to be maintained, sharpened and/or repaired
 - materials and equipment to make new hand tools and to maintain, sharpen and/or repair existing hand tools
 - PPE correctly fitted and applicable to task for individual
- specifications:
 - for making new hand tools.

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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