Modification history

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| Release | Comments |
| Release 2 | This version released with ACM Animal Care and Management Training Package Version 3.0. |
| Release 1 | This version released with ACM Animal Care and Management Training Package Version 1.0. |

| ACMFAR307 | Make standard shoes for a range of equines |
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| 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 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. |
| Prerequisite Unit | Nil |
| Unit Sector | Farriery (FAR) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Select facilities and materials for making standard shoes | 1.1 Select the materials and hand tools for the technique to be used  1.2 Select personal protective equipment according to safe working practices  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 and its dimensions and the appropriate steel for a particular equine and its work  2.2 Examine the equine at rest, walking and trotting to identify gait and particular needs  2.3 Measure equine fore and hind feet, using safe handling techniques, and make allowance for a range of variants  2.4 Determine and record specifications for the required shoes |
| 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 a working temperature and monitor potential risks  3.4 Perform standard steps in making shoes  3.5 Use correct posture and balance when using tools to perform activities  3.6 Perform final fitting, and check fitting against quality standards  3.7 Complete minor alterations required to obtain optimum final fit  3.8 Cool shoes in preparation for nailing |

| 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. | |
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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 |
| 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 |

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| 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 | ACMFAR307 Make standard shoes for a range of equines | Minor changes to clarify intent of unit | Equivalent unit |

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

| TITLE | 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:   * made three variances of the following standard shoes for healthy equines: * concave * flat - 3/4 fullered and plain stamp * assessed shoe needs * produced specifications to make shoes * organised facilities 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 * adjusted shoes to ensure correct fit. | |

| Knowledge Evidence |
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| 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:   * sizes, styles and types of shoes required for a range of equines, including: * reasons for use of various metal types and dimensions in shoe making * gauge of steel and weight of shoe * style of shoe * hand made * 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 * marking the centre bar stock and the heels * creating the toe bend * marking and punching the nail holes * forming heels * turning the branches * drawing the clips * levelling the shoe * finishing the heels * quality standards in fitting shoes, including: * fit of shoe allows for expansion at the heels and outline fit * heels of the shoe cover the buttresses * foot surface of the shoe and wall of the foot fit tightly against each other and the shoe will not 'rock' from side to side * heels of the shoe fit flat against the heels of the foot * shoe has sole relief * nail holes on the shoe are opened sufficiently for the correct size nail * nail holes are positioned for maximum security and safety when nailing * no burrs or sharp edges * safe work practices, including: * safe handling techniques for equines * manual handling * using personal protective equipment * use of flammable materials and equipment * use of chemicals and quenching materials * safe disposal of wastes. |

| Assessment Conditions |
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| Assessment of skills 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 candidate or appropriate simulation such as equine cadaver legs * forge and welding facilities * equipment, tools and materials needed to make shoes for equines * personal protective equipment 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. |

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