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. |

| ACMFAR40X | Use farriery techniques to meet special needs of equines |
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| Application | This unit of competency describes the skills and knowledge required to prepare the feet of an equine to address particular needs and fabricate and apply an appropriate shoe to alleviate problems.  The unit applies to individuals who have experience handling equines and 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. Determine special shoeing needs of individual equines | 1.1 Identify hoof defects that may be fixed by a farrier  1.2 Determine the types of orthopaedic or therapeutic shoes or modifications that may fix the problem  1.3 Identify potential problems that can be remedied by a farrier  1.4 Determine the foot care needs of foals and young equines or other equines  1.5 Report conditions requiring higher-level treatment to other farriers or veterinarians |
| 2. Arrange remedial actions | 2.1 Review equine symptoms and diagnostic imaging tools in consultation with the veterinarian  2.2 Determine course of action and establish treatment regimen in consultation with a veterinarian and/or other equine service providers  2.3 Discuss the implications of proposed actions  2.4 Fabricate or modify remedial or orthopaedic and therapeutic shoes |
| 3. Trim and repair feet | 3.1 Handle equines safely and select personal protective equipment according to safe work practices, and monitor behaviour to reduce risks to equine, handlers and self  3.2 Trim and prepare feet without injury to equine feet  3.3 Identify and perform hoof reconstruction procedures according to shoe plan developed in consultation with veterinarian  3.4 Check work to ensure foot preparation meets quality outcomes |
| 4. Fit remedial shoes | 4.1 Select tools for fitting shoes  4.2 Shape remedial shoes according to shoe plan  4.3 Fit shoes to fore and hind feet and assess the need for any final adjustments  4.4 Make final adjustments to the shape and size of the shoe  4.5 Monitor risks and maintain safety of equine, self and others throughout the procedure |
| 5. Attach shoes and finish shoeing process | 5.1 Select tools and materials suitable for attaching and clenching shoes  5.2 Attach shoe safely, securely and in the correct position  5.3 Finish the hoof and assess the finished job and the welfare of the equine  5.4 Identify any signs of lameness by trotting the equine  5.5 Advise of actions taken and future foot care requirements  5.6 Maintain service records 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. | |
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| Skill | Description |
| Reading | * Interpret key information in workplace procedures and specialist instructions relevant to addressing special shoeing and foot care needs of equines |
| Writing | * Record specifications and shoe plans for individual equines with special needs accurately in workplace documentation |
| Numeracy | * Use measuring devices and take measurements accurately |
| Oral communication | * Use clear language, accurate concepts and industry terminology to ensure clarity of meaning when reporting and requesting information |
| 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 | * Work as part of a team with other professionals, including veterinarians * Follow accepted communication practices and protocols for reporting information to clients and specialists |
| Get the work done | * Observe and examine equines systematically using structured problem-solving processes to determine requirements to meet special needs of equines * Assess quality of outcomes to prepare future foot care plans and advice |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| ACMFAR40X Use farriery techniques to meet special needs of equines | ACMFAR312 Use farriery techniques to meet special needs of equines | Minor edits to performance criteria to clarify intent of unit.  Changes to assessment requirements and code to reflect level of work | 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 ACMFAR40X Use farriery techniques to meet special needs of equines |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual accommodated the special needs of at least three equines (or suitable simulations), from the following:   * one foal or young equine * one equine exhibiting chronic lameness * one equine exhibiting damage * one equine engaged in a particular sporting or working activity.   In carrying out the above, the individual must have:   * assessed the shoeing and trimming needs of each equine including carrying out a lameness assessment * reviewed equine symptoms and read a diagnostic imaging tool in consultation with a veterinarian and discussed options for treatment * discussed options and future hoof care requirements with clients * hand forged or modified premanufactured remedial/orthopaedic and therapeutic shoes to assist in the correction or alleviation of a problem, including modern acrylic therapeutic aids, sole packs and hospital plates * fitted remedial/orthopaedic and therapeutic shoes to meet requirements of individual equines and assessed quality of outcome * maintained records of service provided. | |

| 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:   * equine anatomical features relevant to farrier services, including: * lower limb and foot and applicable biomechanical functions * conformation, normal gait and abnormalities of gait * characteristics of various breeds * special requirements of equines, including: * foals and young equines * small ponies * chronically lame or damaged horses * specialised heavy draught animals * specific equine disciplines or types of work * symptoms and presentation of faults and problems, including: * injuries caused by the shoe - capped elbow, overreach * defective feet - flat or twisted foot; weak or low heels * injuries caused by gait abnormalities * limb or foot diseases and injuries requiring protection and pressure relief * techniques to alleviate a range of faults, defects and foot problems * trimming techniques, including: * effects of trimming on the stance and action of an equine * limits of safe trimming and why these must not be exceeded * types of shoes, reasons for use of particular shoes and fitting techniques * types of orthopaedic and therapeutic shoes and modifications that may be made to address the needs of an equine with particular needs * providing advice and referrals * key principles of animal welfare legislation as applied to farriery services * safe work practices, including: * identify hazards and control risks when interacting with equines * manual handling * using personal protective equipment * safe zones, equine handling techniques and use of restraints * safe waste handling and disposal. |

| Assessment Conditions |
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| 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: * various equines with special needs, assessed as suitable to the skill and experience level of the individual, or appropriate simulations such as equine cadaver legs * forge and welding facilities * equipment, tools and materials needed to make shoes for equines * appropriate tack for equine and activity * personal protective equipment correctly fitted and applicable to tasks 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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