

Title	Demonstrate knowledge of the structure of the horse's foot, the horse shoeing process and remedial shoeing		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to describe the external and internal structures of the horse's foot, and hoof balance, and remedial shoeing. They are also able to demonstrate knowledge of horse shoes and the shoeing process.
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Classification	Equine > Equine Care
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Available grade	Achieved
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Guidance Information

- 1 Legislation and code relevant to this unit standard includes but is not limited to:
 - Animal Welfare Act 1999;
 - Health and Safety at Work Act 2015;
 - Code of Welfare: Horses and Donkeys.
- 2 Performance of all aspects of this unit standard should comply with the *Code of Welfare: Horses and Donkeys*, available at www.mpi.govt.nz.

Outcomes and performance criteria

Outcome 1

Describe the external and internal structures of the horse's foot, and hoof balance.

Performance criteria

- 1.1 Describe external structures of the horse's foot in terms of location and function.

Range coronary band, wall, sole, white line, bars, frog.
- 1.2 Describe internal structures of the horse's lower leg and foot in terms of location and function.

Range bones, joints, cartilages, tendons, ligaments.
- 1.3 Describe a balanced hoof and its associated benefits.

Range hoof/pastern axis, inside and outside wall, medio-lateral foot balance, pair symmetry, soundness, minimising risk of injury, maximising performance.

Outcome 2

Demonstrate knowledge of horse shoes and the shoeing process.

Performance criteria

2.1 Identify horse shoe components and describe their suitability for the individual horse and activity.

Range may include but is not limited to – clips, heels, bearing surface, front shoe shape, hind shoe shape, concave, fullered, bevelled, heel, non-bevelled, galloping plates, harness racing shoes; evidence of six components is required.

2.2 Describe shoeing requirements in terms of providing a suitable environment for farrier and horse.

Range may include but is not limited to – sheltered, flat, clean, dry.

2.3 Describe communication and obligations of the owner to the farrier in relation to the shoeing process.

Range punctuality, individual horse problems and requirements, providing horse restraint while shoeing, record keeping.

2.4 Identify and describe the function of shoeing tools.

Range tools must include but is not limited to – rasp, nail puller, clincher, driving hammer, hoof knife, nippers, pritchel, tongs, shoe puller.

2.5 Describe shoeing procedure in terms of assessment, removal, preparation, fitting, nailing on, and finishing.

2.6 Identify aspects of a well-shod hoof.

Range aspects of shoeing must include but is not limited to – medial/lateral balance, pastern axis, length of toe and heel, symmetrical pair of hooves, rasp marks, position of nails, fit of shoes and suitability for purpose, position and size of nails.

Outcome 3

Describe remedial shoeing.

Performance criteria

3.1 Describe issues that may be alleviated by remedial shoeing.

Range hoof turned out/in, brushing, flat feet, flared foot, stone bruise, over reach, navicular syndrome, laminitis, club foot, sandcrack, forging, ringbone, sidebone; evidence of six issues are required.

3.2 Describe remedial shoeing in terms of effects on and benefits for particular foot conditions.

Range remedial shoes must include but is not limited to – feather-edged shoes, soles, quarter clips, bar shoes, rolled toes.

3.3 Describe the benefits to the horse of a team of professionals collectively diagnosing and treating foot conditions in terms of remedial shoeing.

Range farrier, veterinarian.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 August 1996	31 December 2022
Review	2	11 June 1998	31 December 2022
Review	3	21 May 1999	31 December 2022
Review	4	25 September 2003	31 December 2022
Review	5	17 October 2010	31 December 2022
Review	6	12 February 2010	31 December 2022
Review	7	24 September 2020	N/A

Consent and Moderation Requirements (CMR) reference	0018
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.