

WORSHIPFUL COMPANY OF FARRIERS – DIPLOMA EXAMINATION
OBJECTIVES & STANDARDS – PRACTICAL SKILLS: SHOEING

<u>Performance</u>	<u>Test Standard</u>
<p>1. Prepare the fore and hind foot of the allocated horse for shoeing.</p> <p>2. Make and fit a fore and hind shoe as stated in the task. (Shoes to be selected from the defined list in Annex A to Diploma Syllabus)</p> <p><u>Assessment of Feet & Limbs</u></p> <p><u>Preparation of Feet</u> <i>(to be completed within 30 minutes of start)</i></p> <p>Medio-Lateral Balance (10 marks)</p> <p>Anterior/Posterior (10 marks)</p> <p>Solar Shape/Outline (10 marks)</p> <p>Wall Length/Shape (10 marks)</p> <p>Level (10 marks)</p> <p>Sole/Frog Trim (10 marks)</p>	<ul style="list-style-type: none"> • Appropriate personal safety equipment to be used throughout procedure. • Assess the feet/limbs to be shod with the Examiner. • Remove shoes without damage to the hoof wall. • Appropriate amount of excessive hoof growth removed prior to measurement of the foot for shoe. • The ground bearing surface to be at 90° to the long axis of the cannon. • The dorsal wall should be parallel to the pastern and shoulder angles where possible (HPA). • The solar shape/outline to be maintained in relation to the white line. • An appropriate amount of wall removed in relation to the type of shoe to be applied, enabling the shoe to be applied both safely and securely. • The entire ground bearing surface of the hoof to be on a level plane. • The unexfoliated horn from both the sole and frog to be removed and clean for inspection without reducing the natural protection.

<u>Shoe Making</u>		
Forging Quality (10 marks)		<ul style="list-style-type: none"> Surfaces of the material are smooth and clean without hammer marks.
Shape/Balance/Function (10 marks)		<ul style="list-style-type: none"> Shoe to be symmetrical with flowing toe bend and branches, of a suitable design to meet the requirements of the work the equine is asked to perform.
Heels (10 marks)		<ul style="list-style-type: none"> Heels to be well formed at the appropriate angle with no sharp edges.
Nail holes (10 marks)		<ul style="list-style-type: none"> Nail holes to be suitably located and made to accommodate the appropriate nail used with suitable pitch. The minimum of nails to be used to secure the shoe to the foot.
Level (10 marks)		<ul style="list-style-type: none"> Shoe to be level in all respects.
Clip(s) (10 marks)		<ul style="list-style-type: none"> The clip(s) is/are to be properly located, low and broad with strong base and rounded tip(s).
<u>Shoe Fitting</u>		
Outline Fit (10 marks)		<ul style="list-style-type: none"> The shape of the shoe should complement the foot and allow for relevant foot expansion.
Clip(s) Fit (10 marks)		<ul style="list-style-type: none"> The clip(s) is/are to be properly located, low and broad with strong base and rounded tip(s). The clip(s) fitted flush with the hoof wall.
Heel Fit (10 marks)		<ul style="list-style-type: none"> The heels should meet the requirements of the task set and make contact with the hoof wall both prior to and after nailing on.
Shoe Contact (10 marks)		<ul style="list-style-type: none"> Both at the time of shoe fitting and after nailing on, no contact should be made between the foot surface of the shoe and the sole of the hoof.
Nail Position (10 marks)		<ul style="list-style-type: none"> Nails are to be positioned so the natural function of the foot is not compromised and located in relation to the white line and sound wall.

Nailing and Finishing

Nail Height/Alignment
(10 marks)

Clench Quality and Finish
(10 marks)

Shoe Position
(10 marks)

- The minimum number of nails required to secure the shoe. Nails to be driven into sound wall and of sufficient height and where possible parallel to the coronary band.
- Clenches to be slightly longer in length than width and flush with the hoof wall. The hoof wall to be smooth with no rasp marks, and well under hemmed.
- The shape of the shoe should complement the foot and allow for relevant foot expansion.

Test Conditions

- Standard farrier's tool kit.
- Forge equipment and facilities.
- Mild steel flat bar or concave.
- Specifications: as set by Examiners.
- Time allowed: 2 hours (including fitting and finishing)

Use of striker not allowed

Notes & References

Critical

Shoes to be made from material appropriate to the requirement. Shoe dimensions to be +/- 3 mm (1/8") to the specification required.