



**A. Equine knowledge**

**B. Determine care requirements of the equine foot**

**C. Maintain tools**

**D. Produce and modify shoes**

**E. Shoeing equine feet**

**F. Health, safety and security**

**A. Equine knowledge**

*Moral phylosophy*

1. Professional integrity
2. Ethics
3. Rules of conduct
4. Legislations
5. Insurance

*Generalities*

6. Breeds
7. Colours and marking
8. Non pathological qualities and defects
9. Ethology (behaviour)
10. Activities

*Horse care*

11. Health care
12. Feeding
13. Habitat
14. Grooming
15. Restrains
16. Sedatives
17. Reportable diseases

*Functional anatomy*

18. Skeleton (basic knowledge)
19. Main muscular groups (basic knowledge)
20. Gaits
21. Locomotive anatomy of the limbs
22. Foot functional anatomy (skeleton, ligaments, tendons, blood circulation system, nervous system, cartilages, synovial fluid, horny box)

*Pathologies of distal limbs (description, etiology, management, shoes mainly used)*

23. Osteo-articular system pathologies
24. Desmitis
25. Tendinitis
26. Hoof capsule pathologies
27. Podotrochlear syndrome
28. Laminitis



*Orthopedics*

29. Sagittal deformities (flexural)
30. Frontal deformities (mediolateral)
31. Horizontal deformities (rotational)

**B. Determine care requirements of the equine foot**

1. Care of the limbs
2. Hoof care
3. Main non-digital pathologies
4. Irregularities of movements and action
5. Communication

**C. Maintain tools**

*Materials and equipment*

1. Tools relevant to the task
2. Materials relevant to the task
3. Properties of the materials
4. Properties of the equipment
5. Maintenance of tools and equipment

*Working methods*

6. Forging techniques
7. Annealing techniques
8. Hardening techniques
9. Sharpening techniques

**D. Produce and modify shoes**

*Producing shoes by forging*

1. Basic shoes (standard)

*Welding*

2. Gas
3. Arc (electric)
4. Fire

**E. Shoeing equine feet**

*Planning*

1. Footcare plan
2. Shoeing plan

*Trimming (assessment, realisation) (standards)*

3. Length (consequences of mistakes)
4. Balance (influence on anatomic elements and consequences of mistakes)
5. Level
6. Wall rasping (roles of levers)



## BASIC STANDARTS FOR EFFA QUALIFIED FARRIERS (EUROFARRIER STANDARTS)

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### 7. Frog and sole cleaning (advantages and inconveniences)

#### *Shoe preparation*

8. Shaping
9. Level
10. Different toes
11. Clips
12. Balance
13. Rasping and finish

#### *Shoeing*

14. Fitting (hot, cold, extension distribution and sole pressure)
15. Nailing (nail distribution, height and position of nailing, number and size of nails)
16. Clenches and finish

#### *Techniques and reasons*

17. For clipping
18. For shaping
19. For boxing up
20. For clenching

#### *Tools and materials*

21. Tools
22. Use of welds, pins and plugs
23. Pads

## **F. Health, safety and security**

#### *Health*

1. Ergonomics
2. Toxic products
3. Zoonoses (any bacterial, microbial or fungal infection that can translate from animal to human)
4. Tetanus

#### *Safety requirements*

5. Clothing
6. Equipment, workshop, vehicle, materials and shoeing area
7. Storage

#### *Risk-assessment*

8. Hazards
9. Risks
10. Insurance (human and professional)

Environmental requirements