

Department of Agriculture

National Directorate Animal Health

Notice No. VPN-2003-26

Date: 5 February 2003

TO: STATE VETERINARY OFFICERS

SUBJECT: Standards for the registration of a veterinary approved pregnant mare quarantine facility

PART I Definitions

PART II Registration of a veterinary approved pregnant mare quarantine facility.

PART III Listing of veterinary approved pregnant mare quarantine facility.

ANNEX A Application for official registration of a veterinary approved pregnant mare quarantine facility.

ANNEX B Inspection report of a veterinary approved pregnant mare quarantine facility.

ANNEX C Written undertaking from controlling authority.

ANNEX D Agreement with private practitioner.

ANNEX E Agreement with pregnant mare quarantine facility.

ANNEX F Code of practice for the control of Contagious Equine Metritis.

PART I

DEFINITIONS

FOR THE PURPOSES OF THIS STANDARD DOCUMENT

Authorised person	means any person authorised to exercise or perform any power or duty, or requested to render any service, by the Controlling Authority.
Approved Pregnant mare quarantine facility	Means a facility under the control of the controlling authority where pregnant mares are maintained in isolation, with no direct or indirect contact with other equids, in order to undergo observation, testing and treatment for a specified length of time.
Controlling Authority	means the authority which is directly responsible for the application of animal health measures.
Manager	in relation to a facility includes any person for the time being responsible for the management of the facility.
Official veterinary control	means that the Controlling Authority knows the location of the animals and the identity of their owner or responsible keeper and is able to apply appropriate animal health measures, as required
Owner	means the person to whom the ownership in respect of animal, thing or property is vested.
State Veterinarian	A veterinarian authorised by the Controlling Authority to perform animal health inspections.
State official	An officer authorised by the Controlling Authority to perform animal health inspections.

Note: The definitions used in the South African Animal Diseases Act (No 35 of 1984) should be used in case of uncertainty.

PART II

REGISTRATION OF A VETERINARY APPROVED PREGNANT MARE QUARANTINE FACILITY.

1. REGISTRATION FOR IMPORT STATUS

The applicant must apply in writing to the Controlling Authority, if he wishes to register for a veterinary approved pregnant mare quarantine facility.

A plan, indicating surrounding structures, neighbouring activities and a detailed plan of the facility must accompany the application, - Annex A, for approval. These plans must be endorsed by the controlling authority to confirm the existence of structures.

A descriptive report about the management of the facility must also be supplied by the controlling authority.

The site must be suitably isolated from any other equidae.

The controlling authority must be able to apply official veterinary control in the area.

The below listed documents must be presented to the Senior Manager Animal Health on application for registration:

- Annex A - Application form.
- Local authority permission.
- Site and detailed structural plans.
- A plan, indicating surrounding structures, neighbouring activities.
- Annex B - Inspection Report completed by the Controlling Authority or inspector from the National Department of Agriculture Directorate of Animal Health.
- Annex C - Written undertaking from the Controlling Authority that they are able to supply the necessary inspection services.
- Annex D – Agreement with private practitioner.
- Annex E – Pregnant mare quarantine facility agreement.
- Annex F – Code of practice for the control of Contagious Equine Metritis. (Information only)

Note that registration is valid for one year only in order to prevent dilapidation, and only an Inspection Report need to be submitted, unless there were structural changes then a new plan must be submitted.

In conclusion it must be stated that the **approval of the facility can be withdrawn at any time without warning, at the discretion of the Senior Manager Animal Health, if any shortcomings are detected.**

2. MINIMUM STRUCTURAL REQUIREMENTS FOR A VETERINARY APPROVED PREGNANT MARE QUARANTINE FACILITY

- 2.1. The site must be suitably isolated from equidae. The controlling authority must be able to apply official veterinary control in the area.
- 2.2. A plan, indicating surrounding structures, neighbouring activities and a detailed plan of the facility, must accompany the application, Annex A, for approval. These plans must be endorsed by the controlling authority to confirm the existence of structures.
- 2.3. The facility must be surrounded by a 2m high, small horse and pony proof fence or wall and a gateway to control access to the site. The purpose of this perimeter barrier is to prevent CEM susceptible hosts from entering the protective animal free zone around the inner stable and exercise yard complex. It is essential therefore that this barrier is a sturdy construction and that the entrance is always locked.
- 2.4. The inner complex must be at least 10 m from a perimeter barrier, which is a fence. Where the perimeter barrier can be considered impervious to CEM this minimum distance becomes irrelevant.
- 2.5. The barrier surrounding the inner complex of stables and exercise area must prevent the horses under isolation from entering the animal free zone i.e. direct contact between horses in isolation and potential susceptible hosts outside the facility.
- 2.6. The inner complex must be constructed to present an environment which can be easily disinfected and from where pathogens cannot readily escape. This means:
 - elimination of dead spaces, especially open ceiling/ underfloor crawl spaces.
 - landscaping and construction of drainage to prevent unnecessary pooling of water.
 - effective solid waste removal/storage structures.
 - effective covered drainage for removal of liquid waste.
- 2.7. Stables must be constructed so that all surfaces inside are of an impervious, smooth material to facilitate cleaning and disinfection.
- 2.8. Hand washing must be provided within the inner complex.
- 2.9. There must be sufficient storage space for all equipment to be used during isolation.
- 2.10. Loading and vehicle disinfection facilities must be provided on the edge of the inner complex.
- 2.11. A sign indicating restricted entry should be posted at the entrance.

3. MANAGEMENT REQUIREMENTS FOR A VETERINARY APPROVED PREGNANT MARE QUARANTINE FACILITY

1. Good co-operation and communication with the State Official.
2. If a positive animal is detected no more animals may be introduced into the quarantine unit until such time as appropriate disinfection has been completed and all contact animals declared negative.
3. No horse or other potential fomite may be removed from, or brought into the facility without written permission from the supervising official.
4. Once the last horse has arrived and no horse may be removed from, or brought into, the facility without written permission from the supervising official.
5. Appropriate biosecurity measures like protective outer clothing and footwear, hand washing and secure limited access must be applied to all visitors and staff. Staff may not have contact with horses outside the isolation facility and visitors, especially veterinarians, must take appropriate precautions.
6. Water must be of a satisfactory potable status.
7. Complete records relating to inspection visits, identification, arrival dates, mortality, disease diagnosis, treatment, etc. should be maintained and readily available for inspection.
8. Hygienic standards of premises and equipment are to be maintained at all times.
9. Only chemicals approved by the Senior Manager Animal Health can be used.
10. A notice must be prominently displayed on all exits and entrances to the facility stating: "Quarantine Area. No unauthorised entry allowed."
11. The facility must be re-approved on an annual basis and the onus of application for re-approval rests with the owner of facility.

In conclusion it must be stated that the ***approval of the facility can be withdrawn at any time without warning, at the discretion of the Senior Manager Animal Health, if any shortcomings are detected.***

4. INSPECTION TO APPROVE A VETERINARY APPROVED PREGNANT MARE QUARANTINE FACILITY

- 4.1 A state official will be appointed by the Controlling Authority to inspect the pregnant mare quarantine facility.
- 4.2 The owner of the pregnant mare quarantine facility and the state official as appointed in 4.1 will agree upon a suitable date for the inspection. The state official will inform the owner of the pregnant mare quarantine facility of the conditions under which the inspection will be carried out.
- 4.3 The basis for import approval will be the requirement as described in this document.
- 4.4 The state official appointed by the Controlling Authority will be responsible for the following actions/procedures:
 - a. Acquaint himself/herself with the minimum requirement (2) for a veterinary approved pregnant mare quarantine facility.
 - b. Acquaint him/herself with the CEM code of conduct. (Annex F)
 - b. Provide a new applicant with an application form that corresponds in form and content to the model in Annex A.
 - c. Inspect the pregnant mare quarantine facility and complete Annex B with appropriate comments, upon receipt of the properly completed and signed application form.
 - d. If the facility does not comply with the requirements in 4.4.a. the state official must provide the owner of a facility with a detailed report with the reasons why a facility cannot be approved. The report must correspond in form and content to the model in Annex B.
 - e. Arrange for another inspection when the owner indicates that all the deficiencies had been rectified.
 - f. Provide an acceptable inspection service to the pregnant mare quarantine facility. Approval will only be considered once such a service is in place.
 - g. Keep the original application document on file.
 - h. Submit a copy of the application and all supporting documents to the Senior Manager Animal Health for attention Amanda Steyn. The fax number is 012 3197491.
 - i. Inspect approved pregnant mare quarantine facility as described in this document.

PART III

LISTING OF VETERINARY APPROVED PREGNANT MARE QUARANTINE FACILITY

1. All veterinary approved pregnant mare quarantine facilities must be listed in an official "List of Approved Veterinary Facilities" to be compiled and regularly up-dated by the Controlling Authority with a copy to the Senior Manager Animal Health.
2. The list must contain the following information for each veterinary approved pregnant mare quarantine facility.
 - a. Registration number
 - b. Name of owner
 - c. Registered name of veterinary approved pregnant mare quarantine facility.
 - d. Postal address
 - e. Telephone number
 - f. Fax number
 - g. Province
 - h. District
 - i. Map co-ordinates
 - j. Name and contact details of responsible veterinarian.
3. The list will only be made available upon request to interested parties or persons.

ANNEX A (VPN/2003/01)

(Logo of Controlling Authority)

APPLICATION FOR IMPORT/EXPORT APPROVAL:

.....

Reference no

A. GENERAL INFORMATION ON THE ESTABLISHMENT

DATE		
NAME OF REPORTING PROVINCIAL OFFICER		
NAME OF HOLDING		
APPROVAL NUMBER		
PHYSICAL ADDRESS		
POSTAL ADDRESS		
POSTAL CODE		
TOWN		
PROVINCE		
TELEPHONE NUMBER		
FAX NUMBER		
NAME OF THE MANAGER / OWNER		
E-MAIL ADDRESS OF MANAGER / OWNER		
NAME OF THE RESPONSIBLE VETERINARIAN		
E-MAIL ADDRESS OF RESPONSIBLE VETERINARIAN		
NAME OF AUTHORISED VETERINARIAN RESPONSIBLE FOR VETERINARY INSPECTIONS AND EXPORT CERTIFICATION		
NAMES OF AUTHORISED PROVINCIAL OFFICERS RESPONSIBLE FOR INSPECTING THE HOLDING ON A REGULAR BASIS		
TYPE OF ESTABLISHMENT	LIVE ANIMALS FOR BREEDING	
	LIVE ANIMALS FOR SLAUGHTER	
	SEMEN	
	EMBRYOS/OVA	
	EMBRYONATED EGGS	
	TANNERY	
	TAXIDERMY	
	CANNED FEED FOR ANIMALS	
	DRY FEED FOR ANIMALS	
	PREGNANT MARE QUARANTINE FACILITY	
	OTHER (SPECIFY)	

SPECIES	CATTLE	
	SHEEP	
	GOATS	
	PIGS	
	HORSES	
	WILD GAME	
	POULTRY	
	CAGE REPTILES	
	OSTRICH	
	CROCODILE	
	PRIMATES	
	OTHER (SPECIFY)	

B. DECLARATION BY STATE VETERINARIAN

I _____ the veterinarian responsible for providing an inspection and certification service at the facility mentioned in the preceding pages hereby declare that:

Drawings of the establishment and a comprehensive inspection report are attached to this application; and

*I agree to abide by all the conditions set by the Department of Agriculture and importing countries for the export of animals/animal products obtained from this facility.

and/or

*I agree to abide by all the conditions set by the Department of Agriculture for the importation of animals/animal products.

Signed at (place) _____ on, (date) _____

.....
(signature of official veterinarian)

Stamp _____
(name in capital letters, title and qualification)

* Delete when/if not appropriate

**INSPECTION REPORT FOR A VETERINARY APPROVED
PREGNANT MARE QUARANTINE FACILITY**

1. The controlling authority must be able to apply official veterinary control in the area and at the facility.

Yes No

2. The site and location must be approved by the Senior Manager Animal Health. A plan, indicating surrounding structures and neighbouring activities must accompany the application for approval, as well as this form completed by either the Provincial State Veterinarian or an inspector from the National Department of Agriculture. (These plans must be endorsed by a state official to confirm the existence of structures)

Yes No

3. A detailed plan of the facility, must accompany the application. These plans must be endorsed by a state official to confirm the existence of structures.

Yes No

4. The site must be suitably isolated from eguidae.

Comments:

5. A descriptive report about the management of the facility must also be supplied.

Yes No

6. Where the facility is subject to municipal regulations, proof of approval by the municipal authority must be furnished.

Yes No Not applicable

7. The facility must be surrounded by a 2m high, small horse and pony proof fence or wall and a gateway to control access to the site. The purpose of this perimeter barrier is to prevent CEM susceptible hosts from entering the protective animal free zone around the inner stable and exercise yard complex. It is essential therefore that this barrier is a sturdy construction and that the entrance is always locked.

Comments: _____

8. Only authorised persons may enter the premises. Is there access control?

Comments: _____

9. The inner complex must be at least 10 m from a perimeter barrier, which is a fence. Where the perimeter barrier can be considered impervious to CEM this minimum distance becomes irrelevant.

Comments: _____

10. The barrier surrounding the inner complex of stables and exercise area must prevent the horses under isolation from entering the animal free zone i.e. direct contact between horses in isolation and potential susceptible hosts outside the facility.

Comments: _____

11. The inner complex must be constructed to present an environment which can be easily disinfected and from where pathogens cannot readily escape. This means:

Comments: _____

A. elimination of dead spaces, especially open ceiling/ underfloor crawl spaces.

Comments: _____

B. landscaping and construction of drainage to prevent unnecessary pooling of water.

Comments: _____

C. effective solid waste removal/storage structures.

Comments: _____

D. effective covered drainage for removal of liquid waste.

Comments: _____

12. Stables must be constructed so that all surfaces inside are of an impervious, smooth material to facilitate cleaning and disinfection.

Comments: _____

13. Hand washing must be provided within the inner complex.

Comments: _____

14. There must be sufficient storage space for all equipment to be used during isolation.

Comments: _____

15. Loading and vehicle disinfection facilities must be provided on the edge of the inner complex.

Comments: _____

16. A sign indicating restricted entry should be posted at the entrance.

Comments: _____

17. Appropriate biosecurity measures like protective outer clothing and footwear, hand washing and secure limited access must be applied to all visitors and staff. Staff may not have contact with horses outside the isolation facility and visitors, especially veterinarians, must take appropriate precautions.

Comments: _____

18. Water must be of a satisfactory potable status.

Comments: _____

19. Complete records relating to inspection visits, identification, arrival dates, mortality, disease diagnosis, treatment, etc. should be maintained and readily available for inspection.

Comments: _____

20. Hygienic standards of premises and equipment are to be maintained at all times.

Comments: _____

21. Only chemicals approved by the Senior Manager Animal Health can be used.

Comments: _____

22. A notice must be prominently displayed on all exits and entrances to the facility stating: "Quarantine area. No unauthorised entry allowed."

Yes

No

23. All waste products must be disposed of within the premises or treated to prevent contamination of the surrounding area.

Comments:

24. Drainage of all fluid waste and washing/rain run off must be contained and disposed of in a manner which prevents contamination and pollution of the surrounding area or contact with animals.

Comments:

25. The owner was informed that the facility must be re-approved on an annual basis. The onus of application for re-approval rests with him/her.

Yes

No

I, _____
(Name)
of _____
(Department)
certify that I have today inspected the facility _____
(Name of facility)
at _____
(Physical Address)
and found the above detailed conditions.

I recommend / do not recommend the registration of this facility.

Official Signature

Official stamp

Designation: _____
Name: _____
Address: _____

Tel No: _____

ANNEXURE C

I, _____
(Name)

of _____
(Department)

Hereby certify that the necessary veterinary control will be provided at

(Name of facility)

at _____
(Physical Address)

and are aquatinted with the CEM code of practice

Official Signature

Designation: _____

Official stamp

Name: _____

Address: _____

Tel No: _____

ANNEXURE D

AGREEMENT UNDERTAKEN BY A PRIVATE VETERINARIAN MONITORING HORSES ON AN APPROVED PREGNANT MARE FACILITY

The undersigned veterinarian, registered with the South African Veterinary Council, undertakes to:

1. Acquaint and apply the Code of Practice for the Control of Contagious Equine Metritis.
2. Co-operate with the state officials.
3. Immediately report any deaths, suspicions and diagnoses of infectious or contagious diseases.
4. Take all reasonable precautions to prevent transmission of diseases from horses in the pregnant mare facility.
5. No animal may be removed from the Quarantine premises without written permission from the State Veterinarian in charge of the facility.

Signed by _____ on _____

Signature of Veterinarian

Name in print _____

Address: _____

Tel No: _____

Cell No: _____

Fax No: _____

ANNEXURE E

PREGNANT MARE QUARANTINE FACILITY AGREEMENT

Farm name _____ District _____

Owner: _____ Manager: _____

Address: _____ Address: _____

Tel: _____ Tel: _____

I, _____, the person responsible for this holding, undertake to comply with the control measures as follows:

1. The above-mentioned facility will be available for use for a minimum period of 12 months and will allow other importers to use this facility.
2. That I will give at least 12 months notice should I desire to close the facility.
3. That a register will be kept containing –
 - (i) name of mare,
 - (ii) name and address of owner,
 - (iii) date of entrance into quarantine,
 - (iv) state of health on arrival and whilst on farm,
 - (v) test for pregnancy and service date,
 - (vi) estimated date of foaling,
 - (vii) actual foaling/abortion date,
 - (viii) date of samples taken, results and by whom,
 - (ix) date of departure to where with reference number of release certificate.
4. Maintain biosecurity and display warning signs to the satisfaction of the State Veterinarian.
5. Notify the State Veterinarian of any suspected disease immediately.
6. To allow the State Veterinarian to inspect the PMQF to ascertain standards of Management and documentation (registers).
7. Takes the responsibility to renew the registration

I indemnify the Department of Agriculture and the Directorate of Animal Health and any of its officials, against any loss or damage however caused as a result of keeping, handling, vaccinating, testing of the horses undergoing quarantine.

I understand and accept that in the advent of the horse/s being found to be infected with an exotic disease they will be destroyed at my expense forfeiting any compensation by, or claims against the Department of Agriculture.

Signed: _____ Designation: _____

Print Name: _____ Date: _____

Registration is not transferable

Registration will be for one year only.

(State Veterinarian) Official stamp:



DEPARTMENT: AGRICULTURE
REPUBLIC OF SOUTH AFRICA

REPUBLIC OF SOUTH AFRICA

**CODE OF PRACTICE
FOR THE
CONTROL OF
CONTAGIOUS EQUINE METRITIS**

Director: Veterinary Services
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001
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CHAPTER 1

SCOPE OF THIS DOCUMENT

This Code of Conduct applies to the importation of horses into the Republic of South Africa.

Since the appearance of Contagious Equine Metritis (CEM, - OIE Code B201) in overseas countries in 1977, South Africa country has been kept free of the disease. Sporadic outbreaks of CEM have been reported in a number of countries and therefore it is important that South Africa includes conditions in veterinary import permits, issued in terms of the Animal Diseases Act, 35 of 1984 to protect our domestic horse population from CEM.

This code replaces the Code of Practice for the Control of Contagious Equine Metritis of 1 August 1991 and is effective from 1 September 2000. Owners should consult with their veterinary advisors (state or private) concerning the implementation of this code.

CHAPTER 2

OBJECTIVES OF THE CODE OF CONDUCT

The objectives of the Code of Conduct are to ensure that:

1. All horses imported into South Africa will be subjected to pre-export testing for CEM as stated in the Import Permit for the specific consignment.
2. Following arrival in South Africa, all horses will be subject to post-arrival testing for CEM.
3. In the case of pregnant mares, they must foal on a pregnant mare quarantine farm and both them and their foals will be subject to further testing.
4. No horse will be released from quarantine until the appropriate specimens have been collected, examined, found to be negative for CEM and the horse therefore cleared for CEM by the veterinary authorities.

The procedures and responsibility of actions as detailed below must be adhered to, to ensure that CEM is not introduced into South Africa.

CHAPTER 3

DEFINITIONS

3.1 Swabs

3.1.1 Female Animals

- a. Clitoral Swab: a swab taken from the clitoral fossa
 - b. Cervical Swab: (required from all female animals of 18 months and older)
- c. Urethral swab
- d. Endometrial Swab: a swab taken during early oestrus from the lining of the uterus (if possible)

3.1.2 Male Animals

- a. A swab taken from the penile sheath
- b. A swab taken from the urethra (not required in male animals of less than 180 days of age)
- c. A swab taken from the urethral fossa
- d. A sample of the pre-ejaculatory fluid (if possible)

3.2 Pregnant Mare Quarantine Farm (PQMF)

A farm, officially approved by the Director of Veterinary Services, Pretoria., where imported pregnant mares are to foal down and be tested for CEM. They will enter the PMQF directly from the quarantine station at port of entry where official quarantine is extended until after foaling and clearance of the mare and foal for CEM.

3.3 The Director

The National Director of Veterinary Services (NDVS)

3.4 Infected establishment.

Premises in which equines infected with CEM are kept.

CHAPTER 4

REQUIREMENTS FOR IMPORT PERMITS AND HEALTH CERTIFICATES

The importation of horses into the Republic of South Africa will be allowed at the discretion of the National Director of Veterinary Services.

All horses must complete the usual quarantine period and quarantine requirements as well as examination of the swabs as described in chapter 5.

- 4.1 For stallions and mares from countries/zones considered to be free from CEM the importing authority require:
- a. An import permit
 - b. An International Animal Health Certificate attesting that the animals:
 - (i) Showed no clinical sign of CEM on the day of shipment
 - (ii) Have had no contact with CEM:
 - directly through coitus with an infected animal; or
 - indirectly, by passing through an infected establishment
 - c. Were subjected to the laboratory test for CEM with negative results during the 30 days prior to shipment.
- 4.2 For stallions and mares which have been in contact with CEM, either direct or indirect the importing authority require:
- a. An import permit
 - b. An International Animal Health Certificate attesting that the animals:
 - (i) have been recognised as not being contagious through laboratory tests for CEM;
 - (ii) have been protected against any possibility of contagion since the beginning of the tests.
 - c. Were subjected to the laboratory test for CEM with negative results during the 30 days prior to shipment.

4.3 The veterinarian issuing the health certificate shall certify that he/she has examined the daily records kept by the owner/trainer and the breed association and found the two sets of records consistent and current for the following information:

- a. Identification of the horse by name, sex, age, breed and all identifying marks/methods.
- b. Identification of all premises where the horse has been since being used for breeding purposes and the dates that the horse was at such premises.

OR

A statement by the owner/exporter that the horse has never been used for breeding purposes.

CHAPTER 5

QUARANTINE AFTER ENTRY PROCEDURES FOR MARES

5.1 IMPORTED PREGNANT MARES

Upon release from the quarantine station at the port of entry, the mare will move immediately under cover of a Red Cross permit, to an officially approved pregnant mare quarantine farm (PMQF) where the following rules apply:

- 5.1.1 On application for an import permit reservation for the mares at the pregnant mare quarantine farm must be confirmed by the manager of the farm to the permit office.
- 5.1.2 Owners, family and friends may only visit mares by appointment and in the company of the manager of the quarantine farm.

5.2 PREGNANCY EXAMINATION

Mares must be examined for pregnancy in post arrival quarantine.

- 5.2.1 If found to be not pregnant, the following specimens must be collected:
 - a. Two clitoral swabs, taken not less than 7 days apart followed by (at least 7 days after last swab was taken):
 - b. One set of an endometrial and a clitoral swab taken during oestrus
- 5.2.2 If confirmed pregnant, the following specimens must be collected after foaling
 - a. One uterine swab within 24 hours after the birth of the foal, followed by;
 - b. Two sets of specimens, consisting of clitoral, urethral and cervical swabs, the first set taken 7-10 days after the birth of the foal and the second set taken not less than 7 days there-after.
- 5.3 in the event of an abortion or stillbirth, the mare must be treated as a foaling mare and subjected to the same testing procedure as for a foaling mare, as discussed in paragraph 5.2.2.
 - a. A detailed post mortem examination to be performed on the stillborn / aborted foetus or a foal that dies within 72 hours of birth and placenta with appropriate specimens submitted on ice to an accredited laboratory for examination. The specimens must be accompanied by specimen submission form as detailed in Appendix 1. The results of this examination and tests must be made known to the private veterinarian, State veterinarian and owner.

- 5.4 Items 5.2.1, 5.2.2 and 5.3 to be entered on the "CEM-specimen submission form" (Appendix A). The Certificate must be submitted with the specimens to the laboratory that will enter the results and submit this form to the Director, State veterinarian and manager of the PMQF so that registers can be updated.
- 5.5 if the test results are negative and so confirmed in writing by the laboratory the State veterinarian must enter this information on the equine passport and certify the horse cleared for CEM.
- 5.6 A register must be kept by the manager of the pregnant mare quarantine farm indicating (for each horse):
 - a. Date of arrival
 - b. State of health on arrival and while on the farm.
 - c. Test for pregnancy and service date
 - d. Date of foaling/abortion
 - e. Swabs and tests done and results
 - f. Date of departure
- 5.6 The State veterinarian shall inspect the PMQF at least once a year to ascertain standards of management and documents (registers).

CHAPTER 6

FOALS BORN TO IMPORTED MARES ON PREGNANT MARE QUARANTINE FARMS

(PMQF)

These foals will be subjected to similar testing procedures at the same time as their dams. The following procedures apply to these foals:

- 6.1 The information should be entered on "CEM – Specimen submission form" (Appendix A).
- 6.2 Three sets of swabs to be taken viz: three sets from the clitoral fossa (fillies) or penile sheath and tip of penis (colts) within 24 hours of birth 7 - 10 days after the birth of the foal and another set not less than 7 days thereafter, (ie taken at the same time specimens are collected from their dams).

CHAPTER 7

IMPORTED STALLIONS

Applicable to stallions that have been used for breeding purposes in a country of origin that is not considered free from CEM.

7.1 Once the horses have been released and introduced to their new holdings the animals will be quarantined on the farm where they must be test bred to two test mares.

7.2 Test mares:

Test mares that have been certified free from CEM must be kept under quarantine until the stallion has been certified free from CEM.

7.2.1 Before test breeding

Before the stallion is tested to the two test mares, three mares must be certified as free from CEM by conducting the following tests:

The following samples for bacterial culture are collected on day 1, 7 and 19 with negative results. (At least one of the specimens must be collected while the mare is on heat)

- a. Clitoral Swab: a swab taken from the clitoral fossa
- b. Cervical Swab: (required from all female animals of 18 months and older)
- c. Endometrial Swab: a swab taken during early oestrus from the lining of the uterus (if possible)

7.2.2 After test breeding

Samples for bacterial culture are collected, on day 3, 9 and 21 after breeding with negative results.

7.3 If any culture or test is positive for CEM the stallion shall be confined to the quarantine farm and returned to the country of origin within 30 days, or failing that, the animal shall be destroyed without compensation.

7.4 A stallion will be cleared for CEM if all cultures and tests of specimens from the mares used for test breeding are negative for CEM and all cultures performed on specimens taken from the stallion are negative for CEM.

CHAPTER 8

COLLECTION AND SUBMISSION OF SPECIMENS

8.1 HYGIENE

During collection of specimens extreme care must be taken to prevent any possible transmission of diseases not only from animal to animal but also between studs. New sets of gloves must be worn by the veterinarian and any assistant(s) during collection of specimens from each animal. Sterile apparatus (e.g. speculum) must be used for each individual animal.

8.2 SUBMISSION OF SPECIMENS

8.2.1 It is the sole responsibility of the veterinarian in charge or his delegated staff to assess whether a specimen is valid or not as described in par. 8.3.

8.2.2 Swabs submitted for culture must be held in Amies Charcoal Transport Medium at 4 - 6 °C during transit and must be received by the laboratory as soon after collection as possible but not more than 48 hours after collection.

8.2.3 Swabs must be properly identified:

- a. the name and address of the owner,
- b. name and address of submitting veterinarian,
- c. location of the horse at the time of the test,
- d. complete horse identification (name, registration number, age, breed and sex),
- e. the swab site,
- f. the reason for the swab having been taken,
- g. date and time when the swab was taken.

8.2.4 Swabs that are submitted must be entered on CEM specimen submission form (Appendix A)

8.3 INCORRECT SAMPLING

Swabs that are not properly documented or are in poor condition are not to be tested. For example:

- 8.3.1 Swabs in transit for longer than 48 hours
- 8.3.2 Broken specimen bottles/containers
- 8.3.3 Specimens not submitted in Amies Transport Medium
- 8.3.4 Specimens not maintained at 4-6 °C
- 8.3.5 Specimens not documented as described above
- 8.3.6 Specimens not collected and submitted by a veterinarian

CHAPTER 9

TEST RESULTS

9.1 NOTIFICATION OF TEST RESULTS

The laboratory shall inform the following instances of the outcome of the tests done: on Appendix 2:

9.1.1 The private veterinarian who submitted the specimens

9.1.2 The State veterinarian of the area, who will then endorse it on the equine passport and issue a release certificate.

9.2 ACTION TO BE TAKEN IN EVENT OF SUSPICIOUS OR POSITIVE DIAGNOSIS FOR CEM

Notify Director of Veterinary Services immediately by telephone and confirm in writing. Refer par. 7.3.

9.3 INDEMNITY DECLARATION

The indemnity declaration, submitted to the permit office on application to import, must be signed by the owner of the horse and the name of the importer shall be entered on the form as well.

Submission of specimens

1. The laboratory is to be informed in time of the expected dates and number of specimens.
2. Swabs submitted for culture must be held in *Amies Charcoal Transport Medium* at 4 - 6 °C during transit and must be received by the laboratory as soon after collection as possible but not more than 48 hours after collection.
3. Swabs that are not properly documented or are in poor condition are not to be tested. For example:
 - Swabs in transit for longer than 48 hours
 - Broken specimen bottles/containers
 - Specimens not submitted in *Amies Transport Medium*
 - Specimens not maintained at 4-6 °C
 - Specimens not documented as described above
 - Specimens not collected and submitted by a veterinarian

Explanation of codes for swabs

	Swab Number			
	1	2	3	4
Pregnant mare after foal / abort	a. Uterine 24 hrs after birth	a. Clitoral fossa b. Urethral c. Cervical (+18 months) 7-10 days after birth	a. Clitoral fossa b. Urethral c. Cervical (+18 months) 7 days after 2 nd swab	None
Mare barren / maiden	a. Clitoral fossa	a. Clitoral fossa 7 days after 1 st swab	a. Clitoral fossa / b. Endometrial both during oestrus	None
Colt born in pqmf	a. Penile sheath / b. Tip of penis 24 hrs after birth	a. Penile sheath / b. Tip of penis 7-10 days after birth	a. Penile sheath / b. Tip of penis 7-10 days after 2 nd swab	None
Filly born in pqmf	a. Clitoral fossa 24 hrs after birth	a. Clitoral fossa 7-10 days after birth	a. Clitoral fossa 7-10 days after 2 nd swab	None
Stallion	a. Penile sheath	a. Urethra Older than 180 days	a. Urethral fossa	a. Pre-ejaculatory fluid
Test mare	a. Clitoral b. Cervical c. Endometrial day 1	a. Clitoral b. Cervical c. Endometrial day 7	a. Clitoral b. Cervical c. Endometrial day 19	None