

## Quarantine Requirements for the Importation of Porcine Semen (Revised version of the draft amendments)

(In case of any discrepancy between the English version and the Chinese text of these Requirements, the Chinese text shall govern.)

1. Testing as referred to in this set of Requirements must be conducted by laboratories owned ~~or~~, designated or approved by the government of the exporting country using methods prescribed, recommended or considered suitable in the OIE's Manual of Diagnostic Tests and Vaccines for Terrestrial Animals (hereinafter OIE Manual) for confirmation of population freedom from infection with pathogens of corresponding diseases or individual animal freedom from infection with pathogens of corresponding diseases prior to movement. For diseases with no such testing methods, methods that have been published in international scientific journals may also be used.
2. Disease free countries (zones) referred to in this set of Requirements are determined by the following criteria:
  - 2.1 Foot and mouth disease and African swine fever: countries (zones) that are included in the List of Infectious Animal Diseases-free and infected Countries (Zones) – made according to Article 33 of the Statute for Prevention and Control of Infectious Animal Disease by Taiwan's central competent authority – as free from the corresponding disease.
  - 2.2 Disease other than those named in Article 2.1: countries (zones) that are officially recognized by the OIE as free from the corresponding disease; for diseases that OIE does not provide official disease status recognition, criteria of a free country or zone described in the corresponding disease chapter of the OIE's Terrestrial Animal Health Code (hereinafter OIE Code) apply.
3. The donor boars must comply with the following requirements:
  - 3.1 Never being used for natural mating services;
  - 3.2 Since birth or at least one year prior to collection of semen for export to Taiwan have been kept in a country (zone) which, during that period of time, ~~complied with the following requirements:~~
    - ~~3.2.1 Free from foot and mouth disease, African swine fever and Aujeszky's disease-classical swine fever;~~
    - ~~3.2.2 Without confirmed cases of swine vesicular disease; and~~
    - ~~3.2.3 Without confirmed cases of vesicular stomatitis in the state or equivalent administrative area where the donor boars have been resident.~~
  - 3.3 At least ~~six~~ three months prior to collection of semen for export to Taiwan, being continuously resident in a semen collection center which is under the supervision of the competent authority of the exporting country as well as in compliance with Article 4 and standards stipulated in OIE Code chapters with regards to semen collection and processing.
  - 3.4 Within one year prior to collection of semen for export to Taiwan, being tested negative for the following diseases in the semen collection center:
    - 3.4.1 Swine vesicular disease;
    - 3.4.2 Vesicular stomatitis;
    - ~~3.4.3 Aujeszky's disease;~~
    - ~~3.4.4~~ 3.4.3 Brucellosis;
    - ~~3.4.5 Tuberculosis;~~
    - ~~3.4.6~~ 3.4.4 Other tests provisionally designated by Taiwan's animal quarantine authority in response to global emergent disease situation.
  - 3.5 Complying with one of the following requirements concerning transmissible gastroenteritis (TGE):
    - 3.5.1 For fresh semen, the donor boars are tested negative for TGE within 30 days prior to collection of semen for export to Taiwan; for frozen semen, the test must be conducted at least 14 days after collection;
    - 3.5.2 The donor boars have been resident since birth in a country where TGE is officially

notifiable and no confirmed case has been recorded in at least three years prior to collection of semen for export to Taiwan.

3.6 Complying with one of the following requirements concerning porcine reproductive and respiratory syndrome (PRRS):

3.6.1 The donor boars have been in residence since birth or at least one year prior to collection of semen for export to Taiwan, having been kept in a country (zone) which is, during that period of time, free from PRRS;

3.6.2 Complying with all of the following requirements:

3.6.2.1 The donor boars have been kept, since birth or for at least three months prior to entry into the semen collection center, in farms of origin where no pigs were vaccinated against PRRS and no infection with pathogen of PRRS was detected within that period;

3.6.2.2 The donor boars showed no clinical sign of PRRS on the day of entry into the semen collection center and were subjected to a serological test with negative results on samples collected on the same day;

3.6.2.3 The donor boars were first quarantined in the pre-entry isolation facility for at least 28 days after entering the semen collection center, and were subjected to a serological test with negative results on samples collected on or after 21 days after entry.

~~4.3.1~~ 3.6.2.4 In the semen collection center, at least once testing every month during the period of one year prior to collection of semen for export to Taiwan, serum samples from a statistically representative number of boars were subjected to a ~~serological antibody~~ test for infection with pathogen of PRRS with negative results. The sampling scheme must ensure that all boars within the semen collection center are tested at least once during that period; or

~~4.3.2~~ 3.6.2.5 In the semen collection center, all boars were subjected to ~~serological antibody~~ and ~~virological antigen~~ tests for ~~infection with pathogen of~~ PRRS, with negative results, on serum samples taken on the day of semen collection.

3.7. Complying with one of the following requirements concerning Aujeszky's disease (AD):

3.7.1 The donor boars have been in residence since birth or at least one year prior to collection of semen for export to Taiwan, having been kept in a country (zone) which is, during that period of time, free from AD;

3.7.2 The donor boars: (a) have been kept in an AD free establishment for at least six months prior to entering the semen collection center; (b) have been kept for at least four months prior to semen collection in the semen collection center which has the status of AD free establishment, and where all boars are subjected to a serological test to the AD virus with negative results every four months; and, (c) were subjected to a serological test to the AD virus with negative results within 10 days prior to or 21 days after semen collection;

~~3.78~~ Complying with one of the following requirements concerning porcine epidemic diarrhea (PED):

~~3.78.1~~ No confirmed case of PED has ever occurred at the farms of origin or the semen collection center; or

~~3.78.2~~ No confirmed case of PED has occurred at the semen collection center during the 6 months prior to collection of semen for export to Taiwan. The donor boars are tested negative for PED prior to entry into the semen collection center as well as during quarantine in the pre-entry isolation facility. In addition, at least one of the following requirements is complied with:

~~3.78.2.1~~ During the 60 days prior to collection of semen for export to Taiwan, the donor boars are tested negative for antigen of PED using samples of fresh feces; or

~~3.78.2.2~~ For frozen semen, a sample of the semen is tested negative for antigen of PED. However, semen which was collected prior to 31 March 2013 is exempt from PED testing.

- 3.89 The donor boars showed no clinical sign of any communicable disease on the day of collection of semen for export to Taiwan.
4. The semen collection center described in Article 3 must comply with the following requirements:
- 4.1 No diseases listed below have been confirmed in the corresponding time period:
- 4.1.1 Brucellosis, enterovirus encephalomyelitis (Teschen disease), tuberculosis, vesicular exanthema, swine hemorrhagic septicemia or TGE for at least one year prior to collection;
- 4.1.2 Atrophic rhinitis, hemophilus pneumonia, leptospirosis, toxoplasmosis, swine influenza, and swine erysipelas for at least 6 months prior to collection.
- 4.2 No pigs have been vaccinated against foot and mouth disease, classical swine fever, ~~African swine fever~~, Aujeszky's disease, brucellosis, enterovirus encephalomyelitis (Teschen disease), swine vesicular disease or PRRS;
- ~~4.3 Complying with one of the following requirements concerning PRRS:~~
- ~~4.3.1 At least once testing every month during the period of one year prior to collection of semen for export to Taiwan, serum samples from a statistically representative number of boars were subjected to a serological test for infection with pathogen of PRRS with negative results. The sampling scheme must ensure that all boars within the semen collection center are tested at least once during that period; or~~
- ~~4.3.2 All boars were subjected to serological and virological tests for infection with pathogen of PRRS, with negative results, on serum samples taken on the day of semen collection.~~
- 4.43 ~~After~~ For at least 30 days following semen collection ~~and until completing export certification for the porcine semen destined for Taiwan~~, all animals in the semen collecting center show no clinical sign of ~~swine vesicular disease~~, PED or other diseases listed in Articles 4.1 to 4.32.
5. The collection, test, processing and storage of the semen must comply with the following requirements and related norms stipulated in the OIE Code:
- 5.1 The semen is tested negative for antigen of leptospira; or Aantibiotics added to diluent of the semen must have effective bactericidal activity against leptospira.
- 5.2 For frozen semen, it must be stored in the exporting country for at least 30 days following collection.
6. The consignment must be accompanied by an original veterinary certificate issued by the exporting country's competent authority. The certificate must specify the following information in English:
- 6.1 Origin
- 6.1.1 Name of the exporting country;
- 6.1.2 Name of the exporting country's competent authority;
- 6.1.3 Name and address of the farms of origin of the donor boars;
- 6.1.4 Name and address of the semen collection center;
- 6.1.5 Name and address of the exporter;
- ~~6.1.6~~ Quantity of the semen; and
- ~~6.1.7~~ 3Dates of semen collection
- ~~6.2~~ Destination
- ~~6.2.1~~ Country of destination; and
- ~~6.2.2~~ Name and address of the importer.
- 6.35 Results of quarantine inspection: specify explicitly that the consignment complies with Articles 2 to 5 as well as the following information:
- 6.35.1 Sampling dates, testing dates, name of the laboratories, test methods and results for the tests conducted for the donor boars in accordance with Article 3 ~~and 4.3.~~ (Article 3.6.2.4,

- ~~3.6.2.5 and the every four months tests in Article 3.7.2 (b) are being excluded); and~~
- ~~6.35.2 Kinds of antibiotics added to the diluent of the semen, their brand names, batch numbers and concentration in the diluent. The name of the journals, the publication date, and title of the associated articles when using methods published in international scientific journals~~
- 6.46 Date and place where the certificate was issued, name and official stamp of the issuing authority, and name and signature of the certifying veterinary officer.
7. The animal quarantine authority of the exporting country must submit a sample veterinary certificate in advance for confirmation by Taiwan's animal quarantine authority.