



DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS  
SCOTTISH GOVERNMENT  
WELSH GOVERNMENT

DEPARTMENT OF AGRICULTURE, ENVIRONMENT AND RURAL AFFAIRS, NORTHERN IRELAND

EXPORT OF FROZEN OVINE EMBRYOS TO AUSTRALIA - PART B

No: .....

HEALTH CERTIFICATE

EXPORTING COUNTRY: UNITED KINGDOM (GREAT BRITAIN)

FOR COMPLETION BY: TEAM VETERINARIAN/OFFICIAL VETERINARIAN AND WHOLE-TIME VETERINARY OFFICER

VI. Health Information (Continued)

I, the undersigned, hereby certify that the ovine embryos described in 8552EHC PART A of this export health certificate bearing the above serial number meets the following requirements:

o) Jaagsiekte. Each donor:

i) has only lived in flocks which include animals older than 5 years; AND

ii) in which, as far as can be determined, after due enquiry and examination of official records, all animals remained free from jaagsiekte, based on the absence of clinical signs, for at least 5 years immediately prior to collection of embryos. During this period no animals were introduced from flocks with a lesser jaagsiekte status; OR

iii) gave a negative result to a pathological examination or immune or nucleic acid test for Jaagsiekte virus/viral components in lung and associated lymphoid tissues in accordance with procedures approved by the Veterinary Administration for the detection of jaagsiekte.

*\*[Note: This testing must be carried out at a laboratory approved by the Veterinary Administration to carry out histopathological diagnosis and/or immune or nucleic acid detection testing.] [The veterinary certificate must indicate the option that applies. The attached table must include dates of sampling for test, type of tests used, test results.]*

p) Schmallenberg virus. Prior to the export of this consignment each embryo donor must be certified as follows for Schmallenberg virus:

For embryos collected on or after 1 June 2011, a virus neutralisation test or approved indirect ELISA for antibody to the Schmallenberg virus on a blood sample collected either:

i) between fourteen (14) and sixty (60) days after last collection of embryos from the donor for this consignment with negative results;

OR:

ii) between fourteen (14) and sixty (60) days before first collection of embryos from the donor for this consignment with positive results.

*[The veterinary certificate must indicate the option that applies. The attached table must include dates of sampling for test, type of tests used and test results. Laboratory reports for all Schmallenberg virus testing must be provided and attached to the veterinary health certificate.]*

q) The semen donors were of equivalent tested health assurance standards to those prescribed for the female donors and the embryos were produced:

- i) by insemination with fresh semen collected from identified males
- OR:
- ii) by insemination with semen collected, processed and stored at centres registered under the competent authority of the exporting country.

*[The veterinary certificate must indicate the option that applies]*

- r) Before the export of embryos each female donor:
  - i) was autopsied under the direct supervision of an Official Veterinarian or a registered veterinary pathologist employed at a Veterinary laboratory approved by the Veterinary Administration and acting under written instruction from the Official Veterinarian;
  - ii) gave a negative result to tests for scrapieprion protein (PrPsc)\* on specimens of brain, brain stem, spinal cord, palatine tonsils, spleen, mesenteric lymph nodes and distal ileum using immunohistochemical methods or techniques of equivalent sensitivity in accordance with procedures laid down by the Veterinary Administration for the detection of scrapie infective agent.

*[\* Note: This testing must be carried out at a laboratory approved by the veterinary administration to carry out testing for scrapieprion protein (PrPsc).]  
 [The attached table must include dates of sampling for test, type of tests used, test results.]*

**\* Delete as appropriate**

- s) Donor test record:

Donor	Disease	Test type	Test dates	Result

\*Continue test record on a separate schedule if required.

- t) Storage at Approved Centre(s) or Laboratory(ies). From the time of collection until export, the reproductive material in this consignment was stored:
  - i) in sealed containers (e.g. straws, ampoules or vials) and identified in a legible and non-erasable manner as specified in this veterinary certificate;
  - ii) only with other embryos or semen collected for export to Australia, or of equivalent health status;
  - iii) in a secure place within an approved centre or laboratory and under the direct supervision of the Approved Veterinarian(s), AND;
  - iv) in containers containing only new, unused liquid nitrogen.
- u) Further processing or aggregation

For this reproductive material, EITHER:

\*After leaving the approved centre under seal in shipping containers (liquid nitrogen shippers/tanks), the reproductive material was NOT removed from sealed containers (e.g. straws, ampoules or vials) for further processing or removed from the shipping container(s) for aggregation with other reproductive material.

OR:

\*Reproductive material was shipped to another approved centre or laboratory under seal in shipping containers (liquid nitrogen shippers/tanks) and removed from sealed containers (e.g. straws, ampoules or vials) for further processing (e.g. sex sorting) or for aggregation:

- i) with other reproductive material collected for export to Australia, or of equivalent health status,
- ii) at an approved centre or laboratory and
- iii) under the supervision of the Approved Veterinarian(s).

The date(s) of transfer between the approved centre(s) or laboratory(ies), reason for transfer(s) (e.g. for sex sorting), name(s) of the approved centre(s) or laboratory(ies) and the Approved Veterinarian(s) are listed against the shipping container/s on this certificate before departure from the approved centre or laboratory. The unique seal number of each shipping container is included in this documentation.

*NOTE: For transfers to another approved centre or laboratory, the Approved Veterinarian must ensure the shipping containers are transferred under seal as described below:*

Date of transfer.....  
Reason for transfer.....  
Name of approved centre/laboratory.....  
Approved veterinarian(s).....  
Shipping container seal number(s).....

*[The veterinary certificate must indicate the option that applies.]*

- v) the embryos were collected, handled and stored in accordance with the current OIE International Animal Health Code Appendix on the collection/processing of ovine embryos. Any materials of animal origin used during the collection, handling or storage of the embryos do not contain living micro-organisms, and were sourced from Australia or New Zealand and were subject to quality control methods in accordance with Chapter 10 of the Manual of the International Transfer Society (IETS) 3rd edition, 1998. Equipment which came in contact with the embryos, or the reproductive organs of the donors, was either new or sterilised by a process including autoclaving at 136 degrees C for 1 hour or soaking in a 2 percent available chlorine solution (equivalent to 20,000 ppm) for 1 hour;

- w) The embryos in this consignment:

- i) have been fertilised in vivo;
- ii) were collected and processed by an embryo collection team supervised by an approved team veterinarian and meet the requirements specified in World Organisation for Animal Health (OIE) Code and Veterinary Certificate section of this document;
- iii) were not subjected to micromanipulation involving breaching of the zona pellucida;
- iv) all had an intact zona pellucida at the time of storage.

- x) Shipping containers (Liquid nitrogen shippers/tanks) The shipping container was new or Prior to loading, the shipping container was emptied and inspected and any loose straws removed. The shipping container, including all surfaces in contact with the straws, ampoules or vials was then disinfected with one of the following disinfectants:

2% available chlorine (e.g. chlorine bleach), 2% Virkon or irradiated at 50 kGy.  
Date of disinfection/ irradiation.....  
Disinfectant used/ active ingredient.....

*[The veterinary certificate must indicate the option that applies. For used shipping containers, the date of disinfection, the disinfectant used and its active chemical must be recorded on the health certificate.]*

- y) Official Government Seals Under the direct supervision of an Official

Veterinarian prior to export to Australia:

- i) the containers (e.g. straws, ampoules or vials) for reproductive material in this consignment were checked as being sealed;
- ii) the identity of the reproductive material was checked prior to being placed into new, unused liquid nitrogen in a shipping container for export that was new or disinfected as specified in this veterinary certificate;
- iii) Only reproductive material that met Australian import conditions was added to the shipping container;
- iv) The shipping container was sealed with an officially inspected seal and the number or mark on the seal recorded on the certificate;

Shipping container officially inspected seal number.....  
 Shipping container unique serial number.....

**\* Delete as appropriate**

Stamp ..... Signed .....RCVS  
 .....  
 Name in block letters  
 Team Veterinarian  
 Telephone number:  
 Email address:

Date ..... Address .....  
 .....

Stamp ..... Signed .....RCVS  
 .....  
 Name and title in block letters  
 Official Veterinarian  
 Telephone number:  
 Email address:

Date ..... Address .....  
 .....  
 .....

(Please note that this export health certificate consists of three parts, Part A, Part B and Schedule: 8552EHC, 8552CON and 8552SUP which must be complete in full to accompany the export).