DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS
SCOTTISH GOVERNMENT
WELSH GOVERNMENT
DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT NORTHERN IRELAND

EXPORT OF BOVINE EMBRYOS TO AUSTRALIA **No: .....**

APHA info: further serial number on page 2

HEALTH CERTIFICATE

EXPORTING COUNTRY: UNITED KINGDOM

FOR COMPLETION BY: OFFICIAL VETERINARIAN

I. Information concerning

a) the donor animals - see attached Schedule A
b) total number of vials/straws covered by this certificate:
c) total number of embryos covered by this certificate :

II. Origin of the embryos

a) Name and address of herd of origin of donor dam and bull:

b) Name and address of establishment at which the embryos were collected (approved embryo collection unit):

c) Name and address of owner of the donor dam:

III. Destination of the embryos

a) Name and address of exporter:

b) Name and address of consignee:
(c/o Department of Agriculture)

c) Address of final destination of the embryos:

d) Place of loading:

e) Means of transportation and all available details of shipment:

f) Import permit number(s):

g) Serial number of seal on transport container:

h) Manufacturer's serial number on transport container:

APHA use only

No:

IV. Information concerning the embryo collection team

a) Registration number of embryo collection team:

b) Name and address of approved embryo collection team veterinarian:

V. Health Information

I, the undersigned Official Veterinarian (OV), certify that:

a) i. the donor animals identified in schedule A have been continuously resident and free from any quarantine restriction for the 90 days immediately prior to collection in part of the territory of a Member State of the European Union (EU) which meets the Office International des Epizooties (OIE) Code Article definitions for country freedom from, Foot and Mouth disease, Contagious Bovine Pleuropneumonia, Lumpy Skin Disease, Rift Valley Fever and vesicular stomatitis during this period;
AND

ii. at the time of collection, the UK was recognised by the OIE as a FMD free country where vaccination is not practised, and met the OIE Code Article definitions for country freedom from, Contagious Bovine Pleuropneumonia, Lumpy Skin Disease, Rift Valley Fever and vesicular stomatitis;
AND

iii. the embryos for export were not collected between 1 January 2001 and 15 January 2002, or between 1 July 2007 and 18 February 2008 (inclusive of these dates);

b) in respect of Bluetongue disease (BTV), the dam embryo donor animals:

***** (i) were subjected to a competitive enzyme-linked immunosorbent assay (cELISA) according to the current OIE Terrestrial Manual to detect antibodies to the BTV group on a blood sample taken on , being between 28 and 60 days after the collection of embryos in this consignment, with negative results; or

***** (ii) were subjected to an approved agent identification test (virus isolation test or PCR[1]) according to the current OIE Terrestrial Manual on a blood sample taken on , being the day of collection of embryos in this consignment, with negative results; or

***** (iii) the embryos were collected prior to 1 May 2006;

The identity and date(s) of sampling of the embryo donor animals, type of test(s) used and test results are shown in the attached schedule B.

[1]Real time reverse transcriptase- polymerase chain reaction (RT-PCR) tests must be approved by the competent authority and be able to detect all known 24 BTV serotypes. These tests must use primer sequences directed against highly conserved segments of the bluetongue virus (BTV) genome which code for BTV serogroup(not serotype). An example of an appropriate test is the TaqMan real time RT-PCR test according to the method of Shaw et al. (2007), which uses two primers directed against segment 1 of BTV ribonucleic acid (RNA).

[All tests for BTV must be calibrated to a diagnostic sensitivity of at least 98.0% and carried out in a laboratory approved by the competent authority of the exporting country.]

AND IF APPLICABLE

***iv)** the following embryo donor animals were vaccinated against BT using inactivated vaccine approved by DEFRA or the European Medicines Agency for general use and the vaccine was administered more than 60 days before embryo collection for this consignment.

Name or ear mark	Name of vaccine	Date of administration

c) on , being the date of collection of embryos or later, blood samples were taken from the donor dam under the direct supervision of the Team vet or OV and sent to an Official Laboratory, where they were submitted to the following test for bovine pestivirus with negative results:

***EITHER**

i. an antigen-capture enzyme-linked immunosorbent assay (ELISA) on peripheral blood leucocytes;
***OR**

ii. a virus isolation test (immunoperoxidase test) on blood or serum;

The identity and date(s) of sampling of the embryo donor animals, type of test(s) used and test results are shown in the attached schedule B.

d) the embryos in this consignment were fertilised in vivo, collected, processed and stored under conditions which comply with the standards laid down in Council Directive 89/556/EEC (as amended) under the direct supervision of the Team veterinarian or OV and in accordance with Chapter II of this Directive;

e) the embryos in the consignment were not subjected to micromanipulation involving the breaching of the zona pellucida, and all had intact zona pellucida at the time of storage;

f) the embryos in the consignment have been stored only with the other embryos or semen collected for export to Australia, in sealed containers and since the end of the collection period until export, in an approved secure place;

g) 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 supervision of the Approved Veterinarian(s), and
iv) in containers containing only new, unused liquid nitrogen.

h) 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.

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No:

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.]

i) Shipping containers (Liquid nitrogen shippers/tanks)

EITHER

*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.]

j) Official Seals

Under the 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 official seal and the number or mark on the seal recorded on the certificate (at paragraph III g) above and below).

Shipping container official seal number

*** delete as appropriate**

Stamp

Signed .....RCVS

Official Veterinarian

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Name in block letters

Telephone Number.....

Fax Number.....

Date: ..... **E-mail address**.....

Address.....

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