DEPARTMENT OF AGRICULTURE, ENVIRONMENT AND RURAL AFFAIRS (NORTHERN IRELAND)

EXPORT OF BOVINE SEMEN (COLLECTED, PROCESSED AND STORED AFTER 31/12/2004) TO GREAT BRITAIN

EXPORT HEALTH CERTIFICATE Health Certificate No**: .....**

EXPORTING COUNTRY: NORTHERN IRELAND

FOR COMPLETION BY: OFFICIAL VETERINARIAN

PART 1:

I. Information concerning the donor bull(s)

Breed	Date of Birth	Name and ear mark

II. Information concerning the semen

a) Date(s) of collection:

b) Number of doses and identification mark(s):

c) Number and seal number(s) of containers:

III. Place of collection of the semen:

a) Name and address of approved semen collection centre:

b) Registration number:

IV. Origin of the semen

a) Name and address of consignor:

b) Place of loading if different to IV a) above:

c) Means of transportation:

d) Name and Address of local Divisional Veterinary Office:

V. Destination of the semen

a) Name and address of consignee:

b) Place of destination if different to V a) above:

VI. Health Information

I, the undersigned Official Veterinarian, certify that:

(a) the semen described above was collected, processed and stored under conditions which comply with the standards laid down in Council Directive 88/407/EEC;

(b) the semen described above was sent to the place of loading in a sealed container under conditions which comply with Directive 88/407/EEC;

(c) the semen described above was collected from bulls:

(i) *which either have not been vaccinated against foot-and-mouth disease within 12 months prior to collection;

or

(ii) *which have been vaccinated against foot-and-mouth disease less than 12 months and more than 30 days prior to collection, in which case 5% (with a minimum of five straws) of each collection have been submitted to a virus isolation test for foot- and-mouth disease in an approved laboratory _____ (name of laboratory) with negative results;

(d) the frozen semen was stored in approved conditions for a minimum period of 30 days immediately following collection.

* Delete as appropriate

Health Certificate No ……

OV Stamp

Signed ……
Official Veterinarian

Name (BLOCK CAPITALS)……

Date.

Address……..

……

This certificate is valid for 10 days from the date of certification

NOTES

(a) A separate certificate must be issued for each consignment of semen.
(b) The original of this certificate must accompany the consignment to the place of destination.

Health Certificate No ……

DEPARTMENT OF AGRICULTURE, ENVIRONMENT AND RURAL AFFAIRS

(NORTHERN IRELAND)

SUPPLEMENTARY HEALTH CERTIFICATE FOR THE EXPORT OF BOVINE SEMEN (COLLECTED, PROCESSED AND STORED AFTER 20/04/2021) TO GREAT BRITAIN FOR FURTHER EXPORT TO THE EUROPEAN UNION

EXPORTING COUNTRY: NORTHERN IRELAND

FOR COMPLETION BY: OFFICIAL VETERINARIAN

PART 2:

I, the undersigned official veterinarian, hereby certify that:

II.1. The semen described in Part 1 of this certificate is intended for artificial reproduction and was obtained from the donor animals which originate from Northern Ireland

II.1.1. where foot-and-mouth disease was not reported for a period of at least 24 months immediately prior to collection of the semen and until its date of dispatch;

II.1.2 where infection with rinderpest virus, infection with Rift Valley fever virus, contagious bovine pleuropneumonia and lumpy skin disease were not reported for a period of at least 12 months immediately prior to collection of the semen and until its date of dispatch;

II.1.3. where no vaccination against foot-and-mouth disease, infection with rinderpest virus, infection with Rift Valley fever virus and contagious bovine pleuropneumonia has been carried out for a period of at least 12 months immediately prior to collection of the semen and until its date of dispatch, and no vaccinated animals entered into the country, territory or zone during that period.

II.2. The semen described in Part 1 of this certificate was obtained from the donor animals which, before the commencement of the quarantine referred to in point II.4.8., originate from establishments

II.2.1. situated in an area where foot-and-mouth disease has not been reported within a 10-km radius centred on the establishment for a period of at least 30 days and in which foot-and-mouth disease has not been reported during a period of at least 3 months, and

(1)*either* [they were not vaccinated against foot-and-mouth disease;]

(1)*or* [they were vaccinated against foot-and-mouth disease during the period of 12 months prior to the date of collection of the semen but not during the period of the last 30 days immediately prior to the date of collection of the semen, and 5 % (with a minimum of five straws) of each quantity of semen taken from a donor animal at any time is submitted to a virus isolation test for foot-and-mouth disease with negative results;]

II.2.2. free from infection with *Mycobacterium tuberculosis* complex (*M. bovis, M. caprae* and *M. tuberculosis*) and they have never been kept previously in any establishment of a lower health status;

II.2.3. free from infection with *Brucella abortus, B. melitensis* and *B. suis* and they

have never been kept previously in any establishment of a lower health status;

(1)*either* [II.2.4. free from enzootic bovine leukosis and they have never been kept previously in any establishment of a lower health status;]

(1)*or* [II.2.4. not free from enzootic bovine leukosis and the donor animals are younger than 2 years of age and have been produced by dams which have been subjected, with negative results, to a serological test for enzootic bovine leukosis after removal of the animal from the dam;]

(1)*or* [II.2.4. not free from enzootic bovine leukosis and the donor animals have reached the age of 2 years and have been subjected, with a negative result, to a serological test for enzootic bovine leukosis;]

(1)*either* [II.2.5. free from infectious bovine rhinotracheitis/infectious pustular vulvovaginitis and they have never been kept previously in any establishment of a lower health status;]

(1)*or* [II.2.5. not free from infectious bovine rhinotracheitis/infectious pustular vulvovaginitis and the donor animals have been subjected, with a negative result, to a serological test (whole virus) on a blood sample;]

II.2.6 in which:

(1)either [II.2.6.1. surra (Trypanosoma evansi) has not been reported during the last 2 years;]

(1)or [II.2.6.2. surra (Trypanosoma evansi) has not been reported for at least 30 days and when the disease was reported in the establishments during the last 2 years following the date of the last outbreak, the establishments have remained under movement restrictions until the date on which the infected animals have been removed from the establishments, and the remaining animals in the establishments have been subjected to a test for surra with one of the diagnostic methods provided for in Part 3 of Annex I to Commission Delegated Regulation (EU) 2020/688, carried out, with negative results, on samples taken at least 6 months after the date on which the infected animals have been removed from the establishments.]

II.3. The semen described in Part 1 of this certificate has been collected, processed and stored, and dispatched from the semen collection centre(2) which

II.3.1. is approved and listed by the competent authority of Northern Ireland;

II.3.2. complies with requirements as regards responsibilities, operational procedures, facilities and equipment set out in Part 1 of Annex I to Commission Delegated Regulation (EU) 2020/686.

II.4. The semen described in Part 1 in this certificate was obtained from the donor animals which

II.4.1. were not vaccinated against infection with rinderpest virus, infection with Rift Valley fever virus, contagious bovine pleuropneumonia and lumpy skin disease;

II.4.2. remained for a period of at least 6 months prior to the date of collection of the semen in Northern Ireland;

II.4.3. did not show symptoms or clinical signs of transmissible animal diseases on the day of their admission to a semen collection centre and on the day of collection of the semen;

II.4.4. are individually identified as provided for in Article 21(1) of Delegated Regulation (EU) 2020/692;

II.4.5. for a period of at least 30 days prior to the date of collection of the semen and

during the collection period

II.4.5.1. were kept on establishments not situated in a restricted zone established due to the occurrence of foot-and-mouth virus, infection with rinderpest virus, infection with Rift Valley fever virus, contagious bovine pleuropneumonia or lumpy skin disease, or of an emerging disease relevant for bovine animals;

II.4.5.2. were kept on a single establishment where infection with Brucella abortus, B. melitensis and B. suis, infection with Mycobacterium tuberculosis complex (M. bovis, M. caprae and M. tuberculosis), rabies, anthrax, surra (Trypanosoma evansi), enzootic bovine leukosis, infectious bovine rhinotracheitis/infectious pustular vulvovaginitis, bovine viral diarrhoea, infection with epizootic haemorrhagic disease virus, infection with bluetongue virus (serotype 1-24), bovine genital campylobacteriosis and trichonomosis have not been reported;

II.4.5.3. were not in contact with animals from establishments situated in a restricted zone due to the occurrence of diseases referred to in point II.4.5.1. or from establishments which do not meet the conditions referred to in point II.4.5.2.;

II.4.5.4. were not used for natural breeding;

II.4.6. have been subjected to a quarantine for a period of at least 28 days in quarantine accommodation, where only other cloven-hoofed animals with at least the same health status were present, which on the day of their admission to the semen collection centre complied with the following conditions:

II.4.6.1. it was not situated in a restricted zone established due to diseases referred to in point II.4.5.1.;

II.4.6.2. none of the diseases referred to in point II.4.5.2. has been reported for a period of at least 30 days;

II.4.6.3. it was situated in an area where foot-and-mouth disease has not been reported within a 10-km radius centred on the quarantine accommodation for a period of at least 30 days;

II.4.6.4. has had no outbreak of foot-and-mouth disease reported during a period of at least 3 months preceding the date of admission of the animals into the semen collection centre;

II.4.7. were kept in the semen collection centre

II.4.7.1. which was not situated in a restricted zone established due to diseases referred to in point II.4.5.1.;

II.4.7.2. where none of the diseases referred to in point II.4.5.2. has been reported for a period of at least 30 days prior to the date of collection of the semen, and

(1)(3)[at least 30 days following the date of the collection;]

(1)(4)[until the date of dispatch of the consignment of semen to the Union;]

II.4.7.3. situated in an area where foot-and-mouth disease has not been reported within a 10-km radius centred on the semen collection centre for a period of at least 30 days; and

(1)(3)[free from foot-and-mouth disease for a period of at least 3 months prior to the date of collection of the semen and 30 days from the date of collection;]

(1)(4)[free from foot-and-mouth disease for a period of at least 3 months prior to the date of collection of the semen and until the date of dispatch of the consignment of semen to the Union and the

donor animals have been kept at that semen collection centre for a continuous period of at least 30 days immediately prior to the date of collection of the semen;]

II.4.8. comply with at least one of the following conditions as regards infection with bluetongue virus (serotypes 1-24):

(1)either [II.4.8.1. they have been kept for at least 60 days prior to and during collection of the semen in a country, territory or zone thereof free from infection with bluetongue virus (serotypes 1-24) where no case of infection with bluetongue virus (serotypes 1-24) has been confirmed in the targeted animal population during the last 24 months prior to the date of collection of the semen and during the collection period;]

(1)and/or [II.4.8.2. they have been kept in a seasonally disease-free zone, during the seasonally disease-free period, for a period of at least 60 days prior to the date of collection of the semen and during the collection period;]

(1)and/or [II.4.8.3. they have been kept in a vector-protected establishment for at least 60 days prior to the date of collection of semen and during the collection period;]

(1)and/or [II.4.8.5. they have been subjected to a serological test able to detect specific antibodies against all serotypes (1-24) of bluetongue virus, with negative results, between 28 and 60 days from the date of each collection of the semen;]

(1)and/or [II.4.8.6. they have been subjected to an agent identification test for bluetongue virus (serotypes 1-24), with negative results, on blood samples taken at commencement and final collection of the semen and during collection of the semen at intervals of at least every 7 days, in the case of the virus isolation test, or of at least every 28 days, in the case of PCR;]

II.4.9. comply with at least one of the following conditions as regards infection with epizootic haemorrhagic disease virus (EHDV):

(1) either [II.4.9.1. they have been kept for at least 60 days prior to the date of collection of the semen and during the collection period in a country or territory, or zone thereof where EHDV has not been reported within a radius of 150 km of the establishments for a at least the preceding 2 years;]

(1) or [II.4.9.2. they have been kept in a seasonally disease-free zone, during the seasonally disease-free period, for at least 60 days prior to the date of collection of the semen and during the collection period;]

(1) and/or [II.4.9.3. they have been kept in a vector-protected establishment for at least 60 days prior to the date of collection of the semen and during the collection period;]

(1) and/or [II.4.9.4. they were resident in the country or territory, or zone thereof of dispatch of the semen of the consignment to the Union in which according to official findings the following serotypes of EHDV exist: …… and have been subjected with negative results in each case to the following tests carried out in an official laboratory:

(1) either [II.4.9.4.1. a serological test able to detect specific antibodies against those serotypes of EHDV, with negative results, at least every 60 days throughout the collection period and between 28 and 60 days from the date of the final collection of the semen.]]

(1)and/or [II.4.9.4.2. an agent identification test for EHDV, with negative results, on blood samples taken at the date of

commencement and the date of the final collection of the semen and during the collection of the semen at intervals of at least every 7 days, in the case of virus isolation test, or of at least every 28 days, in the case of PCR.]]

II.4.10. have been subjected to the following tests, carried out on samples taken within the period of 30 days prior to the commencement of the quarantine referred to in point II.4.6., with negative results, except for the bovine viral diarrhoea antibody test referred to in point II.4.10.5.2., required in accordance with point 1(b) of Chapter I of Part 1 of Annex II to Delegated Regulation (EU) 2020/686:

II.4.10.1. for infection with *Mycobacterium tuberculosis* complex (*M. bovis, M. caprae* and *M. tuberculosis*), an intradermal tuberculin test referred to in point 1 of Part 2 of Annex I to Delegated Regulation (EU) 2020/688;

II.4.10.2. for infection with *Brucella abortus, B. melitensis* and *B. suis,* a serological test referred to in point 1 of Part 1 of Annex I to Delegated Regulation (EU) 2020/688;

(1)(5)[II.4.10.3. for enzootic bovine leukosis, a serological test referred to in point (a) of Part 4 of Annex I to Delegated Regulation (EU) 2020/688;]

II.4.10.4. for infectious bovine rhinotracheitis/infectious pustular vulvovaginitis, a serological test (whole virus) on a blood sample if the animals do not come from an establishment free from infectious bovine rhinotracheitis/infectious pustular vulvovaginitis;

II.4.10.5. for bovine viral diarrhoea:

II.4.10.5.1. a virus isolation test, a test for virus genome or a test for virus antigen, and

II.4.10.5.2. a serological test to determine the presence or absence of antibodies;

II.4.11. have been subjected to the following tests, carried out on blood samples taken within a period of at least 21 days, or 7 days in the case of the tests referred to in points II.4.11.4. and II.4.11.5., after to the commencement of the quarantine referred to in point II.4.6., with negative results, except for the bovine viral diarrhoea antibody test referred to in point II.4.11.3.2., required in accordance with point 1(c) of Chapter I of Part 1 of Annex II to Delegated Regulation (EU) 2020/686:

II.4.11.1. for infection with *Brucella abortus, B. melitensis* and *B. suis,* a serological test referred to in point 1 of Part 1 of Annex I to Delegated Regulation (EU) 2020/688;

II.4.11.2. for infectious bovine rhinotracheitis/infectious pustular vulvovaginitis, a serological test (whole virus) on a blood sample;

II.4.11.3. for bovine viral diarrhoea:

II.4.11.3.1. a virus isolation test, a test for virus genome or a test for virus antigen, and

II.4.11.3.2 a serological test to determine the presence or absence of antibodies;

II.4.11.4. for bovine genital campylobacteriosis (Campylobacter fetus ssp. venerealis):

(1)either [II.4.11.4.1.a single test carried out on a sample of artificial vagina washings or preputial specimen, in the case of animals less than 6 months old or kept since that age in a single sex group without contact with females prior to the quarantine referred to in point II.4.6.;]

(1)*and/or* [II.4.11.4.2. tests carried out on samples of artificial vagina washings or preputial specimens taken on three occasions at intervals of at least 7 days;]

II.4.11.5. for trichomonosis (*Trichomonas foetus*):

(1)*either* [II.4.11.5.1. a single test carried out on a sample of preputial specimen, in the case of animals less than 6 months old or kept since that age in a single sex group without contact with females prior to the quarantine referred to in point II.4.6.;]

(1)*and/or* [II.4.11.5.2. tests carried out on preputial specimens taken on three occasions at intervals of at least 7 days;]

II.4.12. have been subjected at semen collection centre, at least once a year, to the following compulsory routine tests, required in accordance with point 2 of Chapter I of Part 1 of Annex II to Delegated Regulation (EU) 2020/686:

II.4.12.1. for infection with *Mycobacterium tuberculosis* complex (*M. bovis, M. caprae* and *M. tuberculosis*), an intradermal tuberculin test referred to in point 1 of Part 2 of Annex I to Delegated Regulation (EU) 2020/688;

II.4.12.2. for infection with *Brucella abortus, B. melitensis* and *B. suis,* a serological test referred to in point 1 of Part 1 of Annex I to Delegated Regulation (EU) 2020/688;

II.4.12.3. for enzootic bovine leukosis, a serological test referred to in point (a) of Part 4 of Annex I to Delegated Regulation (EU) 2020/688;

II.4.12.4. for infectious bovine rhinotracheitis/infectious pustular vulvovaginitis, a serological test (whole virus) on a blood sample;

(1)(6)[II.4.12.5. for bovine viral diarrhoea, a serological test for detection of an antibody;]

(1)(7)[II.4.12.6. for bovine genital campylobacteriosis (*Campylobacter fetus ssp. venerealis*), a test on a sample of preputial specimen;]

(1)(7)[II.4.12.7. for trichomonosis (*Trichomonas foetus*), a test on a sample of preputial specimen;]

II.5. The semen described in Part 1 of this certificate:

II.5.1. has been collected, processed and stored in accordance with animal health requirements set out in Annex III to Delegated Regulation (EU) 2020/686;

II.5.2. is placed in straws or other packages on which the mark is applied in accordance with requirements provided for in Article 83(a) of Delegated Regulation (EU) 2020/692 and that mark is indicated in Part 1;

II.5.3. is transported in a container which:

II.5.3.1. was sealed and numbered prior to the dispatch from the semen collection centre under responsibility of the centre veterinarian, or by an official veterinarian, and the seal bears the number as indicated in Part II;

II.5.3.2. has been cleaned and either disinfected or sterilised before use, or is single-use container;

(1)(3) [II.5.3.3. has been filled in with a cryogenic agent which has not been previously used for other products.]

(1) [II.6. Where an antibiotic or a mixture of antibiotics was added to the semen:

II.6.1. The following antibiotic or mixture of antibiotics has been added to the semen after final dilution, or is contained in the used semen diluents:

…… [8];

II.6.2. Immediately after the addition of the antibiotic(s), and before any possible freezing, the diluted semen was kept at a temperature of at least 5°C for not less than 45 minutes, or under a time-temperature regime with a documented equivalent bactericidal activity.]

Notes

In accordance with the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community, and in particular Article 5(4) of the Protocol on Ireland / Northern Ireland in conjunction with Annex 2 to that Protocol, references to European Union in this certificate include the United Kingdom in respect of Northern Ireland.

This animal health certificate shall be completed according to the notes for the completion of certificates provided for in Chapter 4 of Annex I to Commission Implementing Regulation (EU) 2020/2235.

(1) Delete if not applicable.

(2) Only semen collection centres listed in accordance with Article 233(3) of Regulation (EU) 2016/429 on the Commission website: http://ec.europa.eu/food/animal/semen_ova/bovine/index_en.htm .

(3) Applicable for frozen semen.

(4) Applicable for fresh and chilled semen.

(5) Not applicable to animals which come from an establishment not free from enzootic bovine leukosis and which are less that 2 years of age as referred to in Article 20(2)(a) of Delegated Regulation (EU) 2020/686.

(6) Applicable only to seronegative animals.

(7) Applicable only to bulls in semen production or having contact with bulls in semen production. Bulls returning to collection after a lay-off period of more than 6 months shall be tested during a period of 30 days prior to resuming production.

(8) Insert the name(s) of the antibiotic(s) added and its(their) concentration or the commercial name of the semen diluent containing antibiotics.

OV STAMP

Signed ……
Official Veterinarian

Name (BLOCK CAPITALS)……

Date ……

Address……

……