CHAPTER 39: MODEL ANIMAL HEALTH CERTIFICATE FOR ENTRY INTO THE UNION OF CONSIGNMENTS OF SEMEN OF BOVINE ANIMALS COLLECTED, PROCESSED AND STORED IN ACCORDANCE WITH REGULATION (EU) 2016/429 AND DELEGATED REGULATION (EU) 2020/692 AFTER 20 APRIL 2021, DISPATCHED FROM THE SEMEN COLLECTION CENTRE WHERE THE SEMEN WAS COLLECTED (MODEL 'BOV-SEM-A-ENTRY')

COUNTRY UNITED STATES			Animal health certificate to the EU		
Part I: Description of consignment	**I.1**	**Consignor/Exporter** Name Address Country ISO country code	**I.2**	**Certificate reference**	**I.2a IMSOC reference**
			I.3	**Central Competent Authority**	**QR CODE**
			I.4	**Local Competent Authority**	
	I.5	**Consignee/Importer** Name Address Country ISO country code	**I.6**	**Operator responsible for the consignment** Name Address Country ISO country code	
	I.7	**Country of origin** ISO country code	**I.9**	**Country of destination** ISO country code	
	I.8	**Region of origin** Code	**I.10**	**Region of destination** Code	
	I.11	**Place of dispatch** Name Registration/Approval No Address Country ISO country code	**I.12**	**Place of destination** Name Registration/Approval No Address Country ISO country code	
	I.13	**Place of loading**	**I.14**	**Date and time of departure**	
	I.15	**Means of transport** ☐ Aircraft ☐ Vessel ☐ Railway ☐ Road vehicle Identification	**I.16**	**Entry Border Control Post**	
			I.17		
	I.18	**Transport conditions** ☐ Ambient	☐ Chilled	☐ Frozen	
	I.19	**Container number/Seal number** Container No Seal No			
	I.20	**Certified as or for**			
		☐ Germinal products			
	I.21	**☐ For transit** Third country ISO country code	**I.22**	**☐ For internal market**	
			I.23		

I.24 **Total number of packages**	**I.25** **Total quantity**	**I.26**

I.27 **Description of consignment**

CN code	Species	Subspecies/Category		Identification number	Quantity
Type		Approval or registration number of plant/establishment/centre	Identification mark	Date of collection/production	Test

Part II: Certification

II. Health information

II.a Certificate reference	II.b IMSOC reference

I, the undersigned official veterinarian, hereby certify that:

II.1. The semen described in Part I is intended for artificial reproduction and was obtained from donor animals which originate from a third country, territory or zone thereof

II.1.1. authorised for entry into the Union of semen of bovine animals and listed in Annex IX to Commission Implementing Regulation (EU) 2021/404;

[(1)]*either* [II.1.2. 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;]

[(1)]*or* [II.1.2. where foot-and-mouth disease was not reported for a period starting on the date[(2)] ……. (*insert date dd/mm/yyyy*) immediately prior to collection of the semen and until its date of dispatch;]

II.1.3. 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.1.4. 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 third country, territory or zone thereof during that period.

II.2. The semen described in Part I was obtained from 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 surra (*Trypanosoma evansi*) has not been reported during the last 30 days, and

[(1)]*either* [surra has not been reported in the establishments during the last 2 years;]

[(1)]*or* [surra has been reported in the establishments during the last 2 years and following the last outbreak the establishments have remained under movement restrictions until

- the infected animals have been removed from the establishment, and
- the remaining animals on the establishment have been subjected to a test for surra (*Trypanosoma evansi*) 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 infected animals have been removed from the establishment.]

II.3. The semen described in Part I has been collected, processed and stored, and dispatched from the semen collection centre[(3)] which

II.3.1. is approved and listed by the competent authority of the third country or territory;

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 I was obtained from 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 a third country or territory or zone thereof referred to in Box I.7.;

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 Commission 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 disease, 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 (serotypes 1-24), bovine genital campylobacteriosis and trichomonosis 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)(4)[at least 30 days following the date of the collection;]

(1)(5)[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)(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 30 days from the date of collection;]

(1)(5)[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 a period of at least 60 days prior to and during collection of the semen in a third 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 during the last 24 months in the targeted animal population;]~~

(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 and during collection of the semen, in a third country, territory or zone thereof with an approved eradication programme against infection with bluetongue virus (serotypes 1-24);]~~

(1)and/or [~~II.4.8.3. 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 and during collection of the semen, in a third country, territory or zone thereof where the competent authority of the place of origin of the consignment of semen has obtained the prior written consent of the competent authority of the Member State of destination to the conditions for establishment of that seasonally disease-free zone and to accept the consignment of semen;]~~

(1)and/or [II.4.8.4. they have been kept in a vector-protected establishment for a period of at least 60 days prior to and during collection of the semen;]

(1)and/or [II.4.8.5. they have been subjected to a serological test to detect antibodies to the bluetongue virus serogroup 1-24, 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 (serotypes 1-7) (EHDV 1-7):

	[(1)*either* [II.4.9.1. they have been kept for a period of at least 60 days prior to and during collection of the semen in a third country, territory or zone thereof where EHDV 1-7 has not been reported for a period of at least the preceding 2 years within a radius of 150 km of the establishment;] [(1)*and/or* [II.4.9.2. they have been kept in a vector-protected establishment for a period of at least 60 days prior to and during collection of the semen;] [(1)*and/or* [II.4.9.3. were resident in the exporting country 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.4.9.3.1. a serological test to detect antibodies to EHDV 1-7, 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.4.9.3.2. an agent identification test for EHDV 1-7, with negative results, on blood samples taken at the commencement and 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 blood 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)(6)[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 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)*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)*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)(7)[II.4.12.5. for bovine viral diarrhoea, a serological test for detection of an antibody;]

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

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

II.5. The semen described in Part I

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 Box I.27;

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 Box I.19;

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

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

II.6. The semen is preserved by the addition of antibiotics as follows:

II.6.1. The following antibiotic or mixture of antibiotics, effective in particular against campylobacters, leptospires and mycoplasmas, has been added to the semen after final dilution, or is contained in the used semen diluents, to reach the indicated concentration per ml of semen:

[I] *either* [a mixture of gentamicin (250 µg), tylosin (50 µg) and lincomycin-spectinomycin (150/300 µg);]

[I] *or* [a mixture of lincomycin-spectinomycin (150/300 µg), penicillin (500 IU) and streptomycin (500 µg);]

[I] *or* [a mixture of amikacin (75 µg) and divekacin (25 µg);]

[I] *or* [an antibiotic or a mixture of antibiotics[9] ……, with a bactericidal activity at least equivalent to one of the following mixtures:

- gentamicin (250 µg), tylosin (50 µg) and lincomycin-spectinomycin (150/300 µg);
- lincomycin-spectinomycin (150/300 µg), penicillin (500 IU) and streptomycin (500 µg);
- amikacin (75 µg) and divekacin (25 µg).]

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

Notes

This certificate is intended for entry into the Union of semen of bovine animals, including when the Union is not the final destination of the semen.

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.

Part I:

Box reference I.11: "*Place of dispatch":* Indicate the unique approval number and the name and address of the semen collection centre of dispatch of the consignment of semen. 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

Box reference I.12: "*Place of destination":* Indicate the address and unique registration or approval number of the establishment of destination of the consignment of semen.

Box reference I.19: Seal number shall be indicated.

Box reference I.24: Total number of packages shall correspond to the number of containers.

Box reference I.27: "*Type"*: Indicate semen.

"*Species"*: Select amongst "*Bos taurus*", "*Bison bison*" or "*Bubalus bubalis*" as appropriate.

"Identification number": Indicate identification number of each donor animal.

"Identification mark": indicate mark on the straw or other packages where semen of the consignment is placed.

"Date of collection/production": Indicate the date on which semen of the consignment was collected.

"Approval or registration number of plant/establishment/centre": Indicate the unique approval number of the semen collection centre where the semen was collected.

"Quantity": Indicate number of straws or other packages with the same mark.

"Test": Indicate for BTV-test: II.4.8.5. and/or II.4.8.6., and/or for EHD-test: II.4.9.3.1.

and/or II.4.9.3.2., if relevant.

Part II:

(1) Delete if not applicable.

(2) Only for a third country, territory or zone thereof with opening date in accordance with column 9 of the table in part 1 of Annex II to Implementing Regulation (EU) 2021/404.

(3) 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 .

(4) Applicable for frozen semen.

(5) Applicable for fresh and chilled semen.

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

(7) Applicable only to seronegative animals.

(8) 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.

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

Official veterinarian

Name (in capital letters)

Date

Qualification and title

Stamp

Signature