MODEL ANIMAL HEALTH CERTIFICATE FOR THE MOVEMENT BETWEEN MEMBER STATES OF CONSIGNMENTS OF SEMEN OF PORCINE ANIMALS COLLECTED, PROCESSED AND STORED IN ACCORDANCE WITH REGULATION (EU) 2016/429 AND DELEGATED REGULATION (EU) 2020/686 AFTER 20 APRIL 2021, DISPATCHED FROM THE SEMEN COLLECTION CENTRE WHERE THE SEMEN WAS COLLECTED (MODEL 'POR-SEM-A-INTRA')

EUROPEAN UNION						INTRA
Part I: Description of consignment	I.1	**Consignor** Name Address Country	ISO country code	I.2 I.2a I.3 I.4	**IMSOC reference** **Local reference** **Central Competent Authority** **Local Competent Authority**	**QR CODE**
	I.5	**Consignee** Name Address Country	ISO country code	I.6	**Operator conducting assembly operations independently of an establishment** Name Address Country	Registration No 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 Address Country	Registration/Approval No ISO country code	I.12	**Place of destination** Name Address Country	Registration/Approval No ISO country code
	I.13	**Place of loading**		I.14	**Date and time of departure**	
	I.15	**Means of transport** □ Vessel □ Railway Identification Document	□ Aircraft □ Road vehicle □ Other	I.16 I.17	**Transporter** Name Address Country **Accompanying documents** Type Country Commercial document reference	Registration/Authorisation No ISO country code Code ISO country code
	I.18	**Transport conditions**	□ Ambient		□ Chilled	□ Frozen
	I.19	**Container number/Seal number** Container No	Seal No			

I.20	**Certified as or for**		
□ Further keeping	□ Slaughter	□ Confined establishment	□ Germinal products
□ Registered equine animal	□ Travelling circus/animal act	□ Exhibition	□ Event or activity near borders
□ Release into the wild	□ Dispatch centre	□ Relaying area/purification centre	□ Ornamental aquaculture establishment
□ Further processing	□ Organic fertilizers and soil improvers	□ Technical use	□ Quarantine or similar establishment
□ Products for human consumption	□ Pollination	□ Live aquatic animals for human consumption	□ Other

I.21	**□ For transit through a third country**	
	Third country	ISO country code
	Exit point	BCP code
	Entry point	BCP code

I.22	**□ For transit through Member State(s)**		**I.23**	**□ For export**	
	Member State	ISO country code		Third country	ISO country code
	Member State	ISO country code		Exit point	BCP code
	Member State	ISO country code			

I.24	**Estimated journey time**	**I.25**	**Journey log**	□ yes	□ no
I.26	**Total number of packages**	**I.27**	**Total quantity**		
I.28	**Total net weight/gross weight (kg)**	**I.29**	**Total space foreseen for the consignment**		

I.30 Description of consignment

CN code	Species	Subspecies/Category	Sex	Identification system	Identification number	Age	Quantity Type
Region of origin		Cold store		Identification mark	Type of packaging		Net weight
Slaughterhouse		Treatment type		Nature of commodity	Number of packages		Batch No
		Date of collection/production		Manufacturing plant	Approval or registration number of plant/establishment/centre	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 of porcine animals described in Part I has been collected, processed and stored, and dispatched from the semen collection centre(1) which

II.1.1. is approved and kept in a register by the competent authority;

II.1.2. 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.2. The semen described in Part I is intended for artificial reproduction and was obtained from donor animals which

II.2.1. have been born and remained since birth in the Union, or have entered the Union in accordance with the requirements for entry into the Union;

II.2.2. come, before the commencement of the quarantine referred to in point II.2.8., from establishments in a Member State or zone thereof, or from establishments under official control by the competent authority in a third country or territory, or a zone thereof

II.2.2.1. 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

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

(2)*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.2.2.2. free from infection with *Brucella abortus, B. melitensis* and *B. suis* in accordance with the requirements laid down in Chapter IV of Part 5 of Annex II to Delegated Regulation (EU) 2020/686;

II.2.2.3. where no clinical, serological, virological or pathological evidence of infection with Aujeszky's disease virus had been detected during the period of at least 12 months;

II.2.2.4. where, during the period of at least 3 months, no animal was vaccinated against infection with porcine reproductive and respiratory syndrome virus and no infection with porcine reproductive and respiratory syndrome virus was detected;

II.2.3. 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.2.4. are identified as provided for in Article 52 or 54(2) of Commission Delegated Regulation (EU) 2019/2035;

II.2.5. for a period of at least 30 days prior to the date of first collection of the semen and during the collection period

II.2.5.1. were kept on establishments not situated in a restricted zone established due to the occurrence of foot-and-mouth disease, infection with rinderpest virus, classical swine fever or African swine fever, or of an emerging disease relevant for porcine animals;

		II.2.5.2.	were kept on a single establishment where infection with *Brucella abortus, B. melitensis* and *B. suis*, infection with rabies virus, anthrax, infection with Aujeszky's disease virus and infection with porcine reproductive and respiratory syndrome virus have not been reported;
		II.2.5.3.	were not in contact with animals from establishments situated in a restricted zone due to the occurrence of diseases referred to in point II.2.5.1. or from establishments which do not meet the conditions referred to in point II.2.5.2.;
		II.2.5.4.	were not used for natural breeding;
	II.2.6.	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.2.6.1.	it was not situated in a restricted zone established due to diseases referred to in point II.2.5.1.;
		II.2.6.2.	none of the diseases referred to in point II.2.5.2. has been reported for a period of at least 30 days;
		II.2.6.3.	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.2.6.4.	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.2.6.5.	it was free from infection with *Brucella abortus, Brucella melitensis* and *Brucella suis* for the period of at least the preceding 3 months;
	II.2.7.	were kept in the semen collection centre	
		II.2.7.1.	which was not situated in a restricted zone established due to diseases referred to in point II.2.5.1.;
		II.2.7.2.	where none of the diseases referred to in point II.2.5.2. has been reported for a period of at least 30 days prior to the date of collection of the semen, and
			[(2)(3)][at least 30 days following the date of the collection;]
			[(2)(4)][until the date of dispatch of the consignment of semen to another Member State;]
		II.2.7.3.	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
			[(2)(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;]
			[(2)(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 another Member State 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.2.7.4.	where no clinical, serological, virological or pathological evidence of infection with Aujeszky's disease virus had been reported for a period comprising at least 30 days prior to the date of admission and at least 30 days immediately prior to the date of collection of the semen;

	II.2.8.	have been subjected to the following tests, carried out within the period of 30 days prior to the commencement of the quarantine referred to in point II.2.6., with negative results, required in accordance with point 1(b) of Chapter I of Part 2 of Annex II to Delegated Regulation (EU) 2020/686:
		II.2.8.1. as regards infection with *Brucella abortus, B. melitensis* and *B. suis,* a buffered Brucella antigen test (rose Bengal test), a competitive ELISA or an indirect ELISA for the detection of antibodies to smooth *Brucella* species;
		II.2.8.2. as regards infection with Aujeszky's disease virus
		(2)[in the case of non-vaccinated animals, an ELISA to detect antibodies to the whole Aujeszky's disease virus or to glycoprotein B (ADV-gB) or glycoprotein D (ADV-gD) of the virus or a serum neutralisation test;]
		(2)[in the case of animals vaccinated with a gE deleted vaccine, an ELISA to detect antibodies to glycoprotein E (ADV-gE) of Aujeszky's disease virus;]
		(2)[II.2.8.3. as regards classical swine fever, an antibody ELISA or serum neutralisation test, in case of animals coming from a Member State or zone thereof where classical swine fever has been reported or vaccination against this disease has been practiced for the period of the preceding 12 months;]
		II.2.8.4. as regards infection with porcine reproductive and respiratory syndrome virus, a serological test (the immunoperoxidase monolayer assay (IPMA), immunofluorescence assay (IFA), or ELISA);
	II.2.9.	have been subjected to the following tests, carried out on samples taken within a period of at least 21 days after the commencement of the quarantine referred to in point II.2.6., with negative results, required in accordance with point 1(c) of Chapter I of Part 2 of Annex II to Delegated Regulation (EU) 2020/686:
		II.2.9.1. as regards infection with *Brucella abortus, B. melitensis* and *B. suis,* a buffered Brucella antigen test (rose Bengal test), a competitive ELISA or an indirect ELISA for the detection of antibodies to smooth *Brucella* species;
		II.2.9.2. as regards infection with Aujeszky's disease virus
		(2)[in the case of non-vaccinated animals, an ELISA to detect antibodies to the whole Aujeszky's disease virus or to glycoprotein B (ADV-gB) or glycoprotein D (ADV-gD) of the virus or a serum neutralisation test;]
		(2)[in the case of animals vaccinated with a gE deleted vaccine, an ELISA to detect antibodies to glycoprotein E (ADV-gE) of Aujeszky's disease virus;]
		(2)[II.2.9.3. as regards classical swine fever, an antibody ELISA or serum neutralisation test, in case of animals coming from a Member State or zone thereof where classical swine fever has not been reported and vaccination against this disease has not been practiced for the period of the preceding 12 months;]
		II.2.9.4. as regards infection with porcine reproductive and respiratory syndrome virus, a serological test (IPMA, IFA, or ELISA) and a test for virus genome (reverse-transcription polymerase chain reaction (RT-PCR), nested set RT-PCR, real-time RT-PCR);

II.2.10. have been subjected, at semen collection centre, to the following compulsory routine tests, required in accordance with point 2(a) of Chapter I of Part 2 of Annex II to Delegated Regulation (EU) 2020/686:

II.2.10.1. as regards infection with *Brucella abortus, B. melitensis* and *B. suis,* a buffered Brucella antigen test (rose Bengal test), a competitive ELISA or an indirect ELISA for the detection of antibodies to smooth *Brucella* species;

II.2.10.2. as regards infection with Aujeszky's disease virus

(2)[in the case of non-vaccinated animals, an ELISA to detect antibodies to the whole Aujeszky's disease virus or to glycoprotein B (ADV-gB) or glycoprotein D (ADV-gD) of the virus or a serum neutralisation test;]

(2)[in the case of animals vaccinated with a gE deleted vaccine, an ELISA to detect antibodies to glycoprotein E (ADV-gE) of Aujeszky's disease virus;]

II.2.10.3. as regards classical swine fever, an antibody ELISA or serum neutralisation test;

II.2.10.4. as regards infection with porcine reproductive and respiratory syndrome virus, a serological test (IPMA, IFA, or ELISA);

II.2.11. have been subjected to the tests referred to in point II.2.10. carried out, in accordance with point 2(b) of Chapter I of Part 2 of Annex II to Delegated Regulation (EU) 2020/686, on samples taken from:

(2)*either* [all animals immediately prior to leaving the semen collection centre, or upon arrival at the slaughterhouse, and in no case later than 12 months from the date of admission to the semen collection centre.]

(2)*or* [at least 25 % of the animals in the semen collection centre every 3 months to test for infection with *Brucella abortus, Brucella melitensis* and *Brucella suis*, infection with Aujeszky's disease virus and classical swine fever and from at least 10 % of the animals in the semen collection centre every month to test for infection with porcine reproductive and respiratory syndrome virus.]

(2)*or* [at least 10 % of the animals in the semen collection centre every month to test for infection with *Brucella abortus, Brucella melitensis* and *Brucella suis*, infection with Aujeszky's disease virus, classical swine fever and infection with porcine reproductive and respiratory syndrome virus.]

II.3. The semen described in Part I

II.3.1. has been collected, processed and stored in accordance with animal health requirements set out in points 1 and 2 of Part 1 of Annex III to Delegated Regulation (EU) 2020/686;

II.3.2. is placed in straws or other packages on which the mark is applied in accordance with requirements provided for in Article 10 of Delegated Regulation (EU) 2020/686 and that mark is indicated in Box I.30;

II.3.3. is transported in a container which:

II.3.3.1. 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.3.3.2. has been cleaned and either disinfected or sterilised before use, or is single-use container;

(2)(3)[II.3.3.3. has been filled in with the cryogenic agent which not have been previously used for other products.]

II.4. The semen is preserved by the addition of antibiotics as follows:

II.4.1. The following antibiotic or mixture of antibiotics, effective in particular against leptospires, 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:

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

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

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

(2)*or* [an antibiotic or a mixture of antibiotics(5) ……, 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.4.2. 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 or 15°C for a period of not less than 45 minutes, or under a time-temperature regime with a documented equivalent bactericidal activity.

Notes

This animal health certificate shall be completed according to the notes for the completion of certificates provided for in Chapter 2 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.

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.26: Total number of packages shall correspond to the number of containers.

Box reference I.30: "*Type":* semen.

"*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.

Part II:

(1) Only semen collection centres approved by the competent authority and included in the register referred to in Article 101(1)(b) of Regulation (EU) 2016/429 and Article 7 of Delegated Regulation (EU) 2020/686.

(2) Delete if not applicable.

(3) Applicable for frozen semen.

(4) Applicable for fresh and chilled semen.

(5) 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)	Qualification and title
Local Control Unit name	Local Control Unit code
Date	
Stamp	Signature