CHAPTER 54: MODEL ANIMAL HEALTH CERTIFICATE FOR ENTRY INTO THE UNION OF CONSIGNMENTS OF SEMEN OF PORCINE 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 'POR-SEM-A-ENTRY')

<table>
<tr><td colspan="2">COUNTRY</td><td colspan="3"></td><td colspan="3">Animal health certificate to the EU</td></tr>
<tr><td rowspan="13">Part I: Description of consignment</td><td>I.1</td><td colspan="2">Consignor/Exporter
Name
Address

Country ISO country code</td><td>I.2</td><td>Certificate reference</td><td>I.2a IMSOC reference</td></tr>
<tr><td></td><td></td><td></td><td>I.3</td><td>Central Competent Authority</td><td rowspan="2">QR CODE</td></tr>
<tr><td></td><td></td><td></td><td>I.4</td><td>Local Competent Authority</td></tr>
<tr><td>I.5</td><td colspan="2">Consignee/Importer
Name
Address

Country ISO country code</td><td>I.6</td><td colspan="2">Operator responsible for the consignment
Name
Address

Country ISO country code</td></tr>
<tr><td>I.7</td><td>Country of origin</td><td>ISO country code</td><td>I.9</td><td>Country of destination</td><td>ISO country code</td></tr>
<tr><td>I.8</td><td>Region of origin</td><td>Code</td><td>I.10</td><td>Region of destination</td><td>Code</td></tr>
<tr><td>I.11</td><td colspan="2">Place of dispatch
Name Registration/Approval No
Address

Country ISO country code</td><td>I.12</td><td colspan="2">Place of destination
Name Registration/Approval No
Address

Country ISO country code</td></tr>
<tr><td>I.13</td><td colspan="2">Place of loading</td><td>I.14</td><td colspan="2">Date and time of departure</td></tr>
<tr><td>I.15</td><td colspan="2">Means of transport
☐ Aircraft ☐ Vessel
☐ Railway ☐ Road vehicle
Identification</td><td>I.16</td><td colspan="2">Entry Border Control Post
I.17</td></tr>
<tr><td>I.18</td><td colspan="2">Transport conditions ☐ Ambient ☐ Chilled ☐ Frozen</td><td colspan="3"></td></tr>
<tr><td>I.19</td><td colspan="5">Container number/Seal number
Container No Seal No</td></tr>
<tr><td>I.20</td><td colspan="5">Certified as or for</td></tr>
<tr><td></td><td colspan="5">☐ Germinal products</td></tr>
<tr><td>I.21</td><td colspan="2">☐ For transit
Third country ISO country code</td><td>I.22</td><td colspan="2">☐ For internal market
I.23</td></tr>
</table>

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 porcine animals and listed in Annex XI 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;]

[(1)]*either* [II.1.3. where classical swine fever was not reported for a period of at least 12 months immediately prior to collection of the semen and until its date of dispatch;]

[(1)]*or* [II.1.3. where classical swine fever was not reported for a period starting on the date[(3)] ……. (*insert date dd/mm/yyyy*) immediately prior to collection of the semen and until its date of dispatch;]

II.1.4. where infection with rinderpest virus and African swine fever 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.1.5. where no vaccination against foot-and-mouth disease, infection with rinderpest virus and classical swine fever 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 originate, before the commencement of the quarantine referred to in point II.4.6., 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 day period 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 *Brucella abortus, B. melitensis* and *B. suis* in accordance with the requirements laid down in Chapter IV of Part 5 of Annex II to Commission Delegated Regulation (EU) 2020/686;

II.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.2.4. where, during the period of at least 3 months prior to the date of entry into the quarantine accommodation, 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.3. The semen described in Part I has been collected, processed and stored, and dispatched from the semen collection centre[(4)] 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 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, classical swine fever and infection with porcine reproductive and respiratory syndrome virus; II.4.2. remained for a period of at least 3 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, classical swine fever or African swine fever, or of an emerging disease relevant for porcine animals; II.4.5.2. 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.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.4.6.5. it was free from infection with *Brucella abortus, Brucella melitensis* and *Brucella suis* for the period of at least the preceding 3 months; II.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)(5)*[at least 30 days following the date of the collection;] *(1)(6)*[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)(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 30 days from the date of collection;]

[(1)(6)][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.4.7.4. 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.4.8. 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.4.6., 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.4.8.1. 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.4.8.2. as regards infection with Aujeszky's disease virus

[(1)][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;]

[(1)][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;]

[(1)][II.4.8.3. 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.4.9. 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.4.6., 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.4.9.1. 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.4.9.2. as regards infection with Aujeszky's disease virus

[(1)][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;]

[(1)][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;]

[(1)][II.4.9.3. 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.4.9.4. 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.4.10. 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.4.10.1. 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.4.10.2. as regards infection with Aujeszky's disease virus

(1)[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;]

(1)[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.4.10.3. as regards classical swine fever, an antibody ELISA or serum neutralisation test;

II.4.10.4. as regards infection with porcine reproductive and respiratory syndrome virus, a serological test (IPMA, IFA, or ELISA);

II.4.11. have been subjected to the tests referred to in point II.4.10. 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:

(1)*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.]

(1)*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.]

(1)*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.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 points 1 and 2 of Part 1 of 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)(5)[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 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:

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

	[(1)]*or* [a mixture of lincomycin-spectinomycin (150/300 µg), penicillin (500 IU) and streptomycin (500 µg);] [(1)]*or* [a mixture of amikacin (75 µg) and divekacin (25 µg);] [(1)]*or* [an antibiotic or a mixture of antibiotics[(7)] ……, 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 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

'Porcine animal' means a porcine animal as defined in point (4) of Article 2 of Regulation (EU) 2020/686.

This certificate is intended for entry into the Union of semen of porcine 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: https://ec.europa.eu/food/animals/semen/porcine_en
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. "*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) Delete if not applicable.

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

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

(4) Only semen collection centres listed in accordance with Article 233(3) of Regulation (EU) 2016/429 on the Commission website: https://ec.europa.eu/food/animals/semen/porcine_en .

(5) Applicable for frozen semen.

(6) Applicable for fresh and chilled semen.

(7) 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