

24 December 1998

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CONDITIONS FOR THE IMPORTATION FROM APPROVED COUNTRIES OF FERTILE EGGS (DOMESTIC HEN).

1. DOCUMENTATION

- a. Prior permission in writing to import fertile hen eggs must be obtained from the Director of Animal and Plant Quarantine (herein called "the Director"). Applications must be submitted in writing through the Chief Quarantine Officer (Animals) of the State where they are to be quarantined.
- b. The consignment of eggs shall be addressed to the Australian importer care of the Chief Quarantine Officer (Animals) of the State where they are to be quarantined.
- c. All consignments must be accompanied by a "Permit to Import" and the appropriate Certificates which must not be modified without the written permission of the Director. These documents must be provided to the Australian Quarantine Officer at the port of entry.

Certification requirements vary, depending on the disease status of the country of origin, and vaccination status of the source flock. A key which will assist in determining the appropriate certification for a particular set of circumstances is included at Appendix 1.

2. ELIGIBILITY

- a. Approved countries

Importation is only permitted from countries approved by the Director of Quarantine. To be considered for approval, countries need to demonstrate an effective veterinary service, have in place appropriate surveillance programs for avian diseases and practice a policy of active eradication by stamping out of all outbreaks of virulent Newcastle disease and avian influenza. AQIS may also consider the pathogenicity of strains of Newcastle disease and avian influenza known to be present in a prospective exporting country, in determining the quarantine conditions to be applied.

- b. Outbreaks of Newcastle disease and avian influenza

Definition of Occurrence of Newcastle disease or avian influenza:

For the purposes of this protocol, reference to a time interval after the occurrence of ND or AI is to be interpreted as the stipulated time interval after the last case of the disease has been reported *and* following the completion of a stamping-out policy and disinfection procedures. Thus, the occurrence of a disease includes the stamping out and disinfection procedures.

3. VACCINATION STATUS OF THE SOURCE FLOCK

- a. The source flock must not have been vaccinated against avian influenza. Vaccination of the source flock against Newcastle disease is permitted, but must not have been conducted within 10 weeks of the date of commencement of pre-collection testing. The source flock may be vaccinated against turkey viral rhinotracheitis (TRT) with a single dose of vaccine at 16 to 18 weeks of age. The source flock, if vaccinated against Newcastle disease or TRT, will require additional testing, to demonstrate no significant rise in antibody titres. There are no restrictions concerning the vaccination of the source flock against infectious bursal disease and/or Marek's disease. Where any bird in the source flock has been vaccinated against Newcastle disease or turkey rhinotracheitis, the entire flock shall be considered to have been vaccinated and requirements for vaccinated source flocks shall apply.
- b. The eggs shall be laid by a source flock which has a maximum age range of four weeks, the youngest birds being not less than 35 weeks old when eggs are collected, and which has been a closed flock from the onset of sexual maturity.
- c. The source flock shall be housed in secure rodent-proof and bird-proof buildings and shall be isolated by 400 metres from all poultry unless these are shown by testing to be of a health status equal to the source flock.
- d. The source flock may be exempted from testing for specified diseases where the Director is satisfied that an official flock health monitoring programme provides sufficient assurance of freedom from disease.

4. EGG COLLECTION AND TRANSPORT

- a. The eggs shall be collected, indelibly marked and dispatched under the supervision of a Government Veterinary Officer of the country of export. The eggs shall undergo fumigation by formaldehyde as prescribed or disinfected by an alternative method approved by the Director and then shall be packed and sealed in approved containers for transport to Australia. Where alternative methods of egg disinfection are proposed to be used, appropriate data demonstrating the effectiveness of the method in destroying both NDV and AIV must be submitted to the Director, at the time of application for the import permit.

- b. The eggs shall be packed in such a way that there will be no leakage in the event of the eggs breaking during transport.
- c. The eggs must be consigned to Australia by air, by a route approved by the Director. They may be accompanied in transit by other eggs or birds only with the approval of the Director. Any transshipment requires the prior approval of the Director.
- d. In the event of a consignment arriving in Australia in an unsealed container, or in a container the seal of which has been broken, or with inadequate certification, the consignment may not be permitted entry into Australia.

5. QUARANTINE

- a. The imported eggs will be hatched in quarantine at either the Torrens Island Animal Quarantine Station or a private quarantine facility approved by the Director. The quarantine flock of chickens which are hatched from these eggs will remain in quarantine for a period of 12 weeks, and will only be released subject to satisfactory results of a program of testing during quarantine as prescribed by the Director.
- b. The Director may approve a private quarantine facility based on criteria set out in AQIS's guidelines on the location and construction of such a facility. The use of the facility for the quarantine of hatching eggs shall be subject to Quality Assurance based-systems approved by AQIS; approval will be dependent on the importer agreeing to comply with policies, procedures and specifications set out in an Approved Quarantine Directive Manual.
- c. In circumstances where a consignment of eggs is only permitted into a partially HEPA filtered post-arrival quarantine facility, the facility must be so constructed as to ensure that the eggs during incubation and hatching, and the chickens after hatching, are contained within a ventilation system that is HEPA filtered until the successful completion and reporting of the results of all post-egg collection testing of the source flock.

In the circumstances where a consignment of eggs is only permitted into a fully HEPA filtered post-arrival quarantine facility, the facility must be so constructed as to ensure that the eggs during incubation and hatching, and the chickens during the entire twelve weeks of brooding, are contained within a ventilation system that is HEPA filtered.

- d. A sentinel flock of chickens shall be hatched and reared concurrently with the imported flock (in PAQ) in a ratio of 1 sentinel to 50 quarantine birds. In the case where the 1:50 ratio results in the number of sentinel chickens being less than 100, a minimum of 100 sentinel chickens shall be reared concurrently with the quarantine flock.
- e. In these requirements, the word 'disease' means a disease as listed below:

Arizona disease (*Salmonella* Arizona)
Avian influenza
Avian paramyxoviridae type 2 and 3 infection
Fowl typhoid (*Salmonella* Gallinarum)
Infectious bursal disease
Mycoplasma iowae infection
Newcastle disease
Ornithobacterium rhinotracheale infection
Pullorum disease (*Salmonella* Pullorum)
Runting/stunting syndrome
Salmonella Enteritidis infection
Turkey viral rhinotracheitis

- f. Specifications for the tests described in Appendices 3 and 5 are detailed in Appendix 6. The sample size required to provide a 99% confidence of detecting a disease if there is a 5% or 0.5% disease prevalence in a source flock is indicated in Appendix 7.

6. IMPORTER'S / AGENT'S RESPONSIBILITIES

- a. The importer or the agent coordinating the importation must be Australian based and must nominate a person who will be accessible to Departmental officers if any problems or emergencies arise.
- b. The importer should be aware that if, during the process of quarantine, it is found that the pre-export testing or certification requirements have not been fully met, the consignment may be re-exported or destroyed.
- c. The agent and the aircraft operator are responsible for the safe transportation of the eggs.
- d. All costs associated with the testing, transport, quarantine and veterinary supervision during the importation program must be met by the importer/agent.
- e. If any eggs or birds are destroyed during any period of control, compensation will not be paid by the Government.
- f. The diseases included in the attached certificates are of quarantine concern. It is the prerogative of the importer to arrange for any other health certification or testing of the fertile hen eggs for export (or the birds hatched from the imported eggs) eg avian encephalomyelitis, fowl cholera, infectious bronchitis, Marek's disease, haemagglutinating avian adenovirus disease, haemorrhagic enteritis virus disease of turkeys, reticuloendotheliosis virus disease, *Salmonella* Hadar infection, *Mycoplasma gallisepticum* infection, *Mycoplasma synoviae* infection.

7. ACTION TO BE TAKEN FOLLOWING THE DETECTION OF A PATHOGEN IN BIRDS IN QUARANTINE IN AUSTRALIA

If any investigation or specified test indicates the presence of a pathogen (as defined in Section 5(e)) in the quarantine flock (including sentinel birds), the Director shall be notified and the flock shall remain in quarantine. At the discretion of the Director and in consultation with the laboratory carrying out the investigations or test, and where necessary, other relevant authorities, further investigations and additional testing may be carried out to ascertain the cause of the positive result. The quarantine flock may be destroyed if it is confirmed that it is infected with any of the diseases listed in Section 5(e) of these conditions or, at the discretion of the Director, with any other pathogen. Any decision by the Director shall be made in consultation with the Australian States, industry and scientific organisations.

8. REVIEW

The conditions of importation may be reviewed if there are any changes in the import policy of the exporting country or at any time at the discretion of the Director.

SARAH KAHN
Assistant Director
Animal Quarantine Policy Branch

APPENDICES

- Appendix 1. Key for determining certification requirements.
- Appendix 2. Declaration by Owner or Manager of the Source Flock.
- Appendix 3. **First** Veterinary Certificate Relating to Export of Hatching Eggs of Domestic Hens to Australia (**Source flock not vaccinated** against ND).
- Appendix 4. **First** Veterinary Certificate Relating to Export of Hatching Eggs of Domestic Hens to Australia. (**Source flock vaccinated** against ND).
- Appendix 5. **Second** Veterinary Certificate Relating to Export of Hatching Eggs of Domestic Hens to Australia (**Source flock not vaccinated** against ND).
- Appendix 6. **Second** Veterinary Certificate Relating to Export of Hatching Eggs of Domestic Hens to Australia (**Source flock vaccinated** against ND).
- Appendix 7. Certificate from the Veterinary Officer-in-Charge, Torrens Island Quarantine Station or the Australian Government Veterinary Officer Supervising the Approved Private Quarantine Facility.
- Appendix 8. Approved Tests For The Importation Of Fertile Eggs.
- Appendix 9. Sample size required to provide a 99% confidence of detecting a disease if there is a 0.5% or 5% disease prevalence in a source flock.
- Appendix 10. OIE Definitions.

Key for determining certification requirements.

COUNTRY APPROVAL

1	Does the country have an effective veterinary service?	YES	GO TO 2
		NO	IMPORT PROHIBITED
2	Does the country have effective surveillance programs for Newcastle disease and avian influenza?	YES	GO TO 3
		NO	IMPORT PROHIBITED
3	Does the country practice stamping out of all outbreaks of Newcastle disease and avian influenza in commercial poultry or pet birds?	YES	GO TO 4
		NO	IMPORT PROHIBITED
4	Does the country have strains of NDV or AIV which are more pathogenic than those found in Australia, which are not routinely stamped out?	YES	GO TO 8
		NO	GO TO 5

DISEASE STATUS OF COUNTRY

5	Is the country officially free of ND and AI? (6 months since the last case)	YES	GO TO 6
		NO	GO TO 7
6	Are the birds vaccinated against ND?	YES	Partial HEPA ^A
		NO	Routine ^B
7	Is there active infection in the country? (outbreak within 21 days)	YES	GO TO 8
		NO	GO TO 10

ACTIVE INFECTION IN THE COUNTRY

8	Is the source flock in a declared infected zone (less than 10 kms from infected premises)	YES	IMPORT PROHIBITED
		NO	GO TO 9
9	Are the birds vaccinated against ND?	YES	Full HEPA ^A
		NO	Partial HEPA ^B

NO CURRENT ACTIVE INFECTION

10	Are the birds vaccinated against ND?	YES	Partial HEPA ^A
		NO	GO TO 11
11	Are the birds from an area previously at risk of windborne infection? (less than 40 kms from previously infected premises, but more than 21 days after stamping out and disinfection)	YES	Partial HEPA ^B
		NO	Routine ^B

^A Use certificates for source flocks which are vaccinated against Newcastle disease (Appendices 2, 4, 6 and 7).

^B Use certificates for source flocks which are not vaccinated against Newcastle disease (Appendices 2, 3, 5 and 7).

NOTES:

Where birds are vaccinated against ND, paired serological tests for ND are required

Where paired serology is required (ie for vaccinated birds) sentinel birds may be used in the source flock as an alternative

**DECLARATION BY THE OWNER OR MANAGER
OF THE SOURCE FLOCK**

(This certificate to accompany the consignment of eggs)

I, (please print name), the owner/manager (delete one) of the source flock from which the eggs to be exported to Australia were derived, hereby declare that:

1. The source flock has not been vaccinated against avian influenza.

2. EITHER:

* The source flock has not been vaccinated against Newcastle disease.

OR

* The source flock has not been vaccinated against Newcastle disease later than 10 weeks prior to the date of commencement of pre-collection testing of the flock.

* **Delete whichever is not applicable**

3. The vaccination history of the source flock is as follows.

Disease	Date(s) of Vaccination	Type of Vaccine

4. The eggs have been laid by a source flock which has a maximum age range of four weeks, the youngest birds being not less than 35 weeks old when eggs were collected, and which has been a closed flock since the onset of sexual maturity.

5. The source flock is housed in secure rodent-proof and bird-proof buildings and is isolated by 400 metres from all poultry unless these are shown by testing to be of a health status equal to the source flock. All buildings containing feed and feeding equipment are also bird-proofed.

6. All water supplies are secure against contamination by wild birds. (Page 2 of 3 pages)
7. A comprehensive biosecurity program has been in place prior to and during egg collection to minimise the introduction of disease. This included the use of dedicated staff for the source flock during this period. After due enquiry I am satisfied that there has been no epidemiological contact between the source flock and any premises on which clinical Newcastle disease or avian influenza has occurred during the past 3 months.
8. The source flock has been free from clinical signs of the diseases specified in Paragraph 5(e) of the Australian “Conditions for the importation from approved countries of fertile eggs (domestic hen)” for the 90 day period prior to collection of the eggs for export to Australia and has not come into contact with any birds showing evidence of these diseases.
9. The eggs for export to Australia were collected over a period of fourteen (14) days or less. The eggs for export to Australia were collected separately to floor and dirty eggs. No floor or dirty eggs are included in this consignment of eggs for export to Australia.
10. The eggs referred to in Section 9 above were clean and were not washed or cleaned after collection.
11. After collection, the eggs referred to in Section 9 above were stacked on new egg flats so as to permit air circulation and, within 8 hours of lay, were either:
- (i) fumigated with formaldehyde gas (generated by the addition of 35 cc of commercial formalin [40% solution] to 17.5 grams of potassium permanganate for each 2.38 cubic metres of fumigation space) in a suitable room or cabinet with forced ventilation at a temperature of at least 20°C and a relative humidity of between 80% and 90% for 20 minutes with no free water; or
 - (ii) disinfected by an alternative procedure of at least equal efficacy which has been approved by the Director of Animal and Plant Quarantine (Australia).
12. The eggs referred to in Section 9 above were packed in the room in which they were fumigated. The eggs were packed after fumigation and cooling to storage temperature, into new crates with new, unused separators and sealed in air tight egg boxes for transport to Australia. The eggs were handled and packed in a manner to avoid possible recontamination. The eggs were placed in plastic bags or the approved containers were lined with plastic to prevent any leakage if damage to the eggs occurs during transport. The sealed boxes were held in a cool room (less than 18°C [65°F] and 65% relative humidity) in isolation from other birds & eggs until dispatch.

Signature: Date :.....
Owner/Manager

Name:

Address:
.....

The contents of this declaration were explained to the Owner and his signature witnessed by:

Signature: Date

Government Approved Veterinarian

Name:

Address:
.....

A **Government Approved Veterinarian** is either a Government Veterinary Officer or a specially appointed veterinarian, as authorised by the Veterinary Administration of the exporting country.

[NOTE: All pages are to be endorsed with the Official Stamp.]

**FIRST VETERINARY CERTIFICATE RELATING TO EXPORT OF HATCHING
EGGS OF DOMESTIC HENS TO AUSTRALIA (Source flock not vaccinated
against ND).**

(This certificate is to accompany the consignment of eggs)

PART A: DISEASE STATUS OF THE COUNTRY OF ORIGIN

I, (please print name), a Government Veterinary Officer of (please print country of export) hereby certify in relation to the consignment of hatching eggs identified on Australian Import Permit Number that:

[NOTE : A Government Veterinary Officer is a full-time veterinary officer of the Government of the exporting country.]

1.a.(country of origin) is free of the following diseases*, in commercial poultry, game birds, and pet birds.

Influenza virus type A
Newcastle disease virus
Avian paramyxoviridae type 2 and 3
Salmonella Pullorum
Salmonella Gallinarum
Salmonella Enteritidis
Turkey viral rhinotracheitis

*** Delete those diseases not applicable**

1.b. Vaccination of poultry against Newcastle disease is/is not^a prohibited in the country of export.

AND

Vaccination of poultry against avian influenza is/is not^a prohibited in the country of export.

^a **Strike out where not applicable**

2. EITHER

* Clinical Newcastle disease/avian influenza have not been reported in the country of export during the 6 months previous to the start of collection of eggs for this consignment;

OR

* Outbreaks of clinical Newcastle disease/avian influenza have occurred in the country within 6 months, but greater than 21 days prior to the start of collection of eggs for this consignment; on premises which were more than/less than* 40 kilometres from the location of the source flock for this consignment.

OR

* Outbreaks of clinical Newcastle disease/avian influenza have occurred in the country within 21 days prior to the start of collection of eggs for this consignment; on premises which were more than/less than* 40 kilometres from the location of the source flock for this consignment. After due enquiry, I am satisfied that clinical Newcastle disease/avian influenza has not occurred on any premises managed, owned or operated by the same company, group or individual as any of the source flocks, or on any premises associated with^a the source flock within the 3 months previous to the start of collection of eggs for this consignment.

*** Delete whichever statements are inapplicable.**

^a “associated with” includes the use of common feed trucks, dead bird pickups, servicemen etc.

3. After due enquiry I am satisfied that the source flock has not been vaccinated against Newcastle disease/avian influenza.

Signature: Date:
Government Veterinary Officer

Name:

Address:
.....

PART B: FLOCK STATUS AND DISEASE TESTING

I, (please print name), a Government Approved Veterinarian of (please print country of export) hereby certify in relation to the consignment of hatching eggs identified on Australian Import Permit Number that:

1. The source flock, from which the eggs to be exported to Australia were derived, has been under my supervision for the previous 90 days and, after due enquiry, I have no reason to doubt the truth of the owner's/manager's declaration in Appendix 2 of the Australian "Conditions for the importation from approved countries of fertile eggs (domestic hen)".
2. The source flock is housed in secure rodent-proof and bird-proof buildings and is isolated by more than 400 metres from all poultry which have not been shown by testing to be of a health status equal to the source flock. Details of poultry within 400 metres of the source flock are attached.
3. I am satisfied that the source flock has been free from the diseases specified in paragraph 1(a) of Part A of this certificate during the period of 90 days prior to the collection of eggs for Australia.
4. Pre-egg collection testing
 - (i) Within 21 days before the first day of collection of eggs for export to Australia, a sample of the parent flock was tested serologically for freedom from the following pathogens*:

Influenza virus type A
Newcastle disease virus
Avian paramyxoviridae type 2 and 3
Salmonella Pullorum
Salmonella Gallinarum
Salmonella Enteritidis
Turkey viral rhinotracheitis

* **Strike out any pathogens for which certification of country freedom has been provided under paragraph 1.a. of Part A of this certificate.**

[Note: In the case of testing for Influenza virus type A and Newcastle disease virus, the sample tested was of a sufficient size to give a 99% confidence of detecting the disease if there was a 5% disease prevalence in the source flock. For the other diseases listed, the sample tested was of a sufficient size to give a 99% confidence of detecting the disease if there was a 0.5% disease prevalence in the source flock (see Appendix 9). If the source flock was vaccinated against TRT, a random sample of 100 of these birds must be

individually identified for later re-testing. The individually identified birds must be replaced randomly throughout the source flock.]

Sufficient blood was collected from each bird sampled for the performance of the required tests. Anti-coagulant was not added. The blood was allowed to clot and the serum removed.

[Note: Samples of blood were, if necessary, incubated at 37°C for 2 hours to aid clotting and sera clarified by centrifugation. Sera may be sterilised by filtration and, after a sub-sample is taken for the test for Mycoplasma, may be frozen. Preservatives were not added. Unless specified in a particular test, serum was not diluted nor were samples of serum from different birds pooled.]

Where there were positive or suspicious reactors for *Salmonella Pullorum*, *Salmonella Gallinarum* or *Salmonella Enteritidis*, all of the reactors were killed and their organs cultured, and the results of the cultures are attached.

- (ii) Within 21 days before the first day of collection of eggs for export to Australia the source flock was determined to be free of infection with:

Salmonella Arizona and other specified serotypes

The absence of these bacteria was determined by procedures to culture and isolate them from shed litter. Twenty samples were collected from each shed. Each sample was a composite sample of 3 floor and 2 nest litter samples (ie a total of 60 floor locations and 40 nest boxes per shed).

The total number of composite samples tested:

- (iii) All tests were carried out in a government laboratory or a laboratory approved by the government of the exporting country for this specific purpose and approved by the Director of Animal and Plant Quarantine (Australia). The tests were OIE-approved tests or tests approved by the Director of Animal and Plant Quarantine (Australia) - see Appendix 8. Test results are shown in the table below.

Total Number of birds in the source flock:

Disease	Test used	No of tests	No of positive results
Influenza virus type A			
Newcastle disease virus			
<i>Salmonella</i> Pullorum			
<i>Salmonella</i> Gallinarum			
<i>Salmonella</i> Enteritidis			

<i>Salmonella</i> Arizona			
other specified salmonella species			

(iv) EITHER:

* The source flock was not vaccinated against Turkey viral rhinotracheitis.
.....(No of samples) were tested using thetest, and all
results were negative.

OR:

* The source flock was vaccinated against Turkey viral rhinotracheitis. 100 individually
identified birds in the source flock were tested for TRT, with individual titres recorded
for each bird sampled. A list of titres is attached to this certificate. The test is
scheduled to be repeated on the same sample of birds not less than 14 days after the
collection of the last egg for this consignment, in accordance with Paragraph 1(iii) of
Part B of Appendix 5.

*** Delete whichever is not applicable.**

Signature: Date:
Government Approved Veterinarian

Name:

Address:

[NOTE: A Government Approved Veterinarian is either a civil service veterinarian or a
specially appointed veterinarian, as authorised by the Veterinary Administration of the
exporting country.]

[NOTE: All pages are to be endorsed with the Official Stamp.]

FIRST VETERINARY CERTIFICATE RELATING TO EXPORT OF HATCHING EGGS OF DOMESTIC HENS TO AUSTRALIA (Source flock vaccinated against ND).

(This certificate is to accompany the consignment of eggs)

PART A: DISEASE STATUS OF THE COUNTRY OF ORIGIN

I, (please print name), a Government Veterinary Officer of (please print country of export) hereby certify in relation to the consignment of hatching eggs identified on Australian Import Permit Number that:

[NOTE: A Government Veterinary Officer is a full-time veterinary officer of the Government of the exporting country.]

1.a.(country of origin) is free of the following diseases*, in commercial poultry, game birds, and pet birds.

Influenza virus type A
Newcastle disease virus
Avian paramyxoviridae type 2 and 3
Salmonella Pullorum
Salmonella Gallinarum
Salmonella Enteritidis
Turkey viral rhinotracheitis

*** Delete those diseases not applicable**

1.b. Vaccination of poultry against Newcastle disease is/is not^a prohibited in the country of export.

AND

Vaccination of poultry against avian influenza is/is not^a prohibited in the country of export.

^a Strike out where not applicable

2. EITHER

* Clinical Newcastle disease/avian influenza have not been reported in the country of export during the 6 months previous to the start of collection of eggs for this consignment;

OR

* Outbreaks of clinical Newcastle disease/avian influenza have occurred in the country within 6 months, but greater than 21 days prior to the start of collection of eggs for this consignment; on premises which were more than/less than* 40 kilometres from the location of the source flock for this consignment.

OR

* Outbreaks of clinical Newcastle disease/avian influenza have occurred in the country within 21 days prior to the start of collection of eggs for this consignment; on premises which were more than/less than* 40 kilometres from the location of the source flock for this consignment. After due enquiry, I am satisfied that clinical Newcastle disease/avian influenza has not occurred on any premises managed, owned or operated by the same company, group or individual as any of the source flocks, or on any premises associated with^a the source flock within the 3 months previous to the start of collection of eggs for this consignment.

^a **“associated with” includes the use of common feed trucks, dead bird pickups, servicemen etc**

*** Delete whichever statements are inapplicable.**

3. After due enquiry I am satisfied that the source flock has not been vaccinated against avian influenza.

Signature: Date:
Government Veterinary Officer

Name:

Address:

.....

PART B: FLOCK STATUS AND DISEASE TESTING

I, (please print name), a Government Approved Veterinarian of (please print country of export) hereby certify in relation to the consignment of hatching eggs identified on Australian Import Permit Number that:

1. The source flock, from which the eggs to be exported to Australia were derived, has been under my supervision for the previous 90 days and, after due enquiry, I have no reason to doubt the truth of the owner's/manager's declaration in Appendix 2.
2. The source flock is housed in secure rodent-proof and bird-proof buildings and is isolated by more than 400 metres from all poultry which have not been shown by testing to be of a health status equal to the source flock. Details of poultry within 400 metres of the source flock are attached.
3. I am satisfied that the source flock has been free from the diseases specified in Part A, paragraph 1(a), during the period of 90 days prior to the collection of eggs for Australia.
4. Pre-egg collection testing
 - (i) Within 21 days before the first day of collection of eggs for export to Australia, a sample of the parent flock was tested serologically for freedom from the following pathogens*:

Influenza virus type A
Newcastle disease virus
Avian paramyxoviridae type 2 and 3
Salmonella Pullorum
Salmonella Gallinarum
Salmonella Enteritidis
Turkey viral rhinotracheitis

* **Strike out any pathogens for which certification of country freedom has been provided under paragraph 1.a. of Part A of this certificate.**

[Note: In the case of testing for Influenza virus type A, the sample tested was of a sufficient size to give a 99% confidence of detecting the disease if there was a 5% disease prevalence in the source flock. For the other diseases listed, the sample tested was of a sufficient size to give a 99% confidence of detecting the disease if there was a 0.5% disease prevalence in the source flock (see Appendix 9). A random sample of 100 of these birds must be individually identified for later re-testing for Newcastle disease and/or turkey rhinotracheitis virus. The individually identified birds must be replaced randomly throughout the source flock.]

Sufficient blood was collected from each bird sampled for the performance of the required tests. Anti-coagulant was not added. The blood was allowed to clot and the serum removed.

[Note: Samples of blood were, if necessary, incubated at 37°C for 2 hours to aid clotting and sera clarified by centrifugation. Sera may be sterilised by filtration and, after a sub-sample is taken for the test for Mycoplasma, may be frozen. Preservatives were not added. Unless specified in a particular test, serum was not diluted nor were samples of serum from different birds pooled.]

Where there were positive or suspicious reactors for *Salmonella Pullorum*, *Salmonella Gallinarum* or *Salmonella Enteritidis*, all of the reactors were killed and their organs cultured, and the results of the tests are attached.

(ii) EITHER

*Within 21 days before the first day of collection of eggs for export to Australia, a random sample of 100 individually identified birds in the source flock was tested for Newcastle disease, with individual titres recorded for each bird sampled. A list of titres is attached to this certificate. After sampling, the 100 individually identified birds were replaced randomly throughout the source flock.

The serological titres for Newcastle disease were not higher than $\log_2 10$, and the test is scheduled to be repeated on the same birds not less than 14 days after the collection of the last egg for this consignment, in accordance with Paragraph 1(iii) of Part B of Appendix 6.

OR

* At least 14 days prior to egg collection for this consignment, unvaccinated sentinel birds have been placed evenly throughout the source flock at a rate of 1 sentinel bird per 1000 flock birds with a minimum of 30 sentinel birds. Daily observation of these birds has been undertaken with no evidence of clinical signs of Newcastle disease. On the first day of collection of eggs for this consignment, each sentinel bird was tested for Newcastle disease with negative results. This test is scheduled to be repeated on the same sample of birds not less than 14 days after the collection of the last egg for this consignment, in accordance with Paragraph 1(iii) of Part B of Appendix 6.

* **Delete whichever is not applicable**

Number of sentinel birds placed and date placed

- (iii) Within 21 days before the first day of collection of eggs for export to Australia the source flock was determined to be free of infection with:

Salmonella Arizona and other specified serotypes

The absence of these bacteria was determined by procedures to culture and isolate them from shed litter. Twenty samples were collected from each shed. Each sample was a composite sample of 3 floor and 2 nest litter samples (ie a total of 60 floor locations and 40 nest boxes per shed).

The total number of composite samples tested:

- (iv) All tests were carried out in a government laboratory or a laboratory approved by the government of the exporting country for this specific purpose and approved by the Director of Animal and Plant Quarantine (Australia). The tests were OIE-approved tests or tests approved by the Director of Animal and Plant Quarantine (Australia) - see Appendix 8. Test results are shown in the table below.

Total Number of birds in the source flock:

Disease	Test used	No of tests	No of positive results
Influenza virus type A			
<i>Salmonella</i> Pullorum			
<i>Salmonella</i> Gallinarum			
<i>Salmonella</i> Enteritidis			
<i>Salmonella</i> Arizona			
other specified salmonella species			

(v) EITHER:

(a) The source flock was not vaccinated against Turkey viral rhinotracheitis.(No of samples) were tested using thetest, and all results were negative.

OR:

(b) The source flock was vaccinated against Turkey viral rhinotracheitis. 100 individually identified birds in the source flock were tested for TRT, with individual titres recorded for each bird sampled. A list of titres is attached to this certificate. The test is scheduled to be repeated on the same sample of birds not less than 14 days after the collection of the last egg for this consignment, in accordance with Paragraph 1(iv) of Part B of Appendix 6.

Signature: Date:
Government Approved Veterinarian *

Name:

Address:
.....

[NOTE: A Government Approved Veterinarian is either a civil service veterinarian or a specially appointed veterinarian, as authorised by the Veterinary Administration of the exporting country.]

[NOTE: All pages are to be endorsed with the Official Stamp.]

**SECOND VETERINARY CERTIFICATE RELATING TO THE EXPORT OF
HATCHING EGGS OF DOMESTIC HENS TO AUSTRALIA (Source flock
not vaccinated against ND).**

This certificate relates to the post-collection observation, production records and disease status of the source flock and should be sent to the Officer-in-Charge of the Torrens Island Animal Quarantine Station or the Veterinary Officer supervising the Approved Private Quarantine Facility as soon as possible after the completion of the post-egg-collection observation period.

PART A: DISEASE STATUS OF THE COUNTRY OF ORIGIN

I,(please print name), a Government Veterinary Officer of (please print country of export) hereby certify in relation to the consignment of hatching eggs identified on Australian Import Permit Number that:

- 1. Clinical Newcastle disease and avian influenza have not been reported during the post-egg-collection period within 40 kilometres of the location of the source flock.

- 2. After due enquiry, I am satisfied that the source flock has remained a closed flock and any clinical evidence of disease has been investigated and the results indicate that the specified diseases have not occurred during the period since the collection of eggs for Australia.

Signature: Date:
Government Veterinary Officer

Name:

Address:
.....

A **Government Veterinary Officer** is a full-time veterinary officer of the Government of the exporting country.

PART B: FLOCK STATUS AND DISEASE TESTING

I, (please print name), a Government Approved

Veterinarian of (please print country of export)
hereby certify in relation to the consignment of hatching eggs identified on Australian Import
Permit Number that:

1. Post-egg collection testing

(i). The source flock, from which the eggs were derived, has been under my supervision for the 21 days since the eggs exported to Australia were collected.

(ii) EITHER

* Not less than 14 days nor more than 21 days after the last day of collection of eggs for export to Australia, a sample of the parent flock was tested serologically for freedom from the following pathogens:

Influenza virus type A
Newcastle disease virus

The sample tested was of a sufficient size to give a 99% confidence of detecting the disease if there was a 0.5% disease prevalence in the source flock (see Appendix 9).

Total number of birds in the source flock:

Total number of birds tested:

OR

Post-egg-collection testing for Newcastle disease/avian influenza was not performed because:

* a)(country of origin) is officially free of Newcastle disease/avian influenza;

OR

* b) Vaccination against Newcastle disease/avian influenza is totally prohibited in this country, and the source flock has not been vaccinated. No outbreak of Newcastle disease or avian influenza has been reported in the country of origin within 40 kms of the source flock, later than 21 days prior to the commencement of collection of eggs for export to Australia.

*** Delete the clauses which are not applicable.**

- (iii) Not less than 14 or more than 21 days after the last day of collection of eggs for export to Australia, the same 100 individually identified birds that were tested previously for turkey viral rhinotracheitis, were tested serologically for freedom from turkey viral rhinotracheitis. Results of this testing are attached.

[Note: This testing is only required if the source flock was vaccinated against turkey viral rhinotracheitis.]

- (iv) All tests were carried out in a government laboratory or a laboratory approved by the government of the exporting country for this specific purpose and approved by the Director of Animal and Plant Quarantine (Australia). The tests were OIE-approved tests or tests approved by the Director of Animal and Plant Quarantine (Australia) - see Appendix 6. Results of post egg collection testing are shown in the table below.

Disease	Test used	No of tests	No of positive results
Influenza virus type A			
Newcastle disease virus			

- (v). Any clinical disease in the source flock or drop in quantity, quality, or fertility/hatchability of the eggs produced by the source flock has been investigated and the laboratory reports are attached.

Signature: Date:
Government Approved Veterinarian

Name:

Address:
.....

A **Government Approved Veterinarian** is either a Government Veterinary Officer or a specially appointed veterinarian, as authorised by the Veterinary Administration of the exporting country.

[NOTE: All pages are to be endorsed with the Official Stamp.]

**SECOND VETERINARY CERTIFICATE RELATING TO THE EXPORT OF
HATCHING EGGS OF DOMESTIC HENS TO AUSTRALIA (Source flock
vaccinated against ND).**

This certificate relates to the post-collection observation, production records and disease status of the source flock and should be sent to the Officer-in-Charge of the Torrens Island Animal Quarantine Station or the Veterinary Officer supervising the Approved Private Quarantine Facility as soon as possible after the completion of the post-egg-collection observation period.

PART A: DISEASE STATUS OF THE COUNTRY OF ORIGIN

I,(please print name), a Government

Veterinary Officer of (please print country of export) hereby certify in relation to the consignment of hatching eggs identified on Australian Import Permit Number that:

- 1. Clinical Newcastle disease and avian influenza have not been reported during the post-egg-collection period within 40 kilometres of the location of the source flock.
- 2. After due enquiry, I am satisfied that the source flock has remained a closed flock and any clinical evidence of disease has been investigated and the results indicate that the specified diseases have not occurred during the period since the collection of eggs for Australia.

Signature: Date:
Government Veterinary Officer

Name:

Address:

.....

[NOTE: A Government Veterinary Officer is a full-time veterinary officer of the Government of the exporting country.]

PART B: FLOCK STATUS AND DISEASE TESTING

I, (please print name), a Government Approved

Veterinarian of (please print country of export)
hereby certify in relation to the consignment of hatching eggs identified on Australian Import
Permit Number that:

- 1. Post-egg collection testing
 - (i). The source flock, from which the eggs were derived, has been under my supervision for the 21 days since the eggs exported to Australia were collected.
 - (ii) EITHER
 - * Not less than 14 days nor more than 21 days after the last day of collection of eggs for export to Australia, a sample of the parent flock was tested serologically for freedom from the following pathogens:

Influenza virus type A

The sample tested was of a sufficient size to give a 99% confidence of detecting the disease if there was a 0.5% disease prevalence in the source flock (see Appendix 9).

Total number of birds in the source flock:

Total number of birds tested:

OR

*Post-egg-collection testing for freedom from avian influenza was not performed because:

EITHER

*a)(country of origin) is officially free of avian influenza;

OR

* b) Vaccination against avian influenza is totally prohibited in this country, and the source flock has not been vaccinated. No outbreak of avian influenza has been reported in the country of origin within 40 kms of the source flock, later than 21 days prior to the commencement of collection of eggs for export to Australia.

*** Delete whichever is not applicable**

(iii) EITHER

* I have examined the list of serological titres obtained from the testing of a sample of 100 individually identified birds prior to egg collection for this consignment, and am satisfied that the overall titres for antibody to Newcastle disease virus were not higher than $\log_2 10$.

Not less than 14 days nor more than 21 days after the last day of collection of eggs for this consignment, the same 100 birds were again blood sampled and tested for Newcastle disease, with no rise in titres suggestive of contact with Newcastle disease virus (ie 2 fold dilution increase) in any individual bird. Where suspicious rises in titre were observed, virus isolation tests were performed with negative results.

OR

*Not less than 14 days after the last day of collection of eggs for this consignment, the sentinel birds were tested for Newcastle disease with negative results. Daily observation of these sentinel birds has been undertaken since the eggs were exported to Australia, and no clinical or other evidence of Newcastle disease or any other disease listed in clause 3 above has been detected.

*** Delete whichever is not applicable**

- (iv) Not less than 14 or more than 21 days after the last day of collection of eggs for export to Australia, the same 100 individually identified birds that were tested previously for turkey viral rhinotracheitis, were tested serologically for freedom from turkey viral rhinotracheitis. Results of this testing are attached.

[Note: This testing is only required if the source flock was vaccinated against turkey viral rhinotracheitis.]

- (v) All tests were carried out in a government laboratory or a laboratory approved by the government of the exporting country for this specific purpose and approved by the Director of Animal and Plant Quarantine (Australia). The tests were OIE-approved tests or tests approved by the Director of Animal and Plant Quarantine (Australia) - see Appendix 8. Results of post egg collection testing are shown in the table below.
- (vi). Any clinical disease in the source flock or drop in quantity, quality, or fertility/hatchability of the eggs produced by the source flock has been investigated and the laboratory reports are attached.

Disease	Test used	No of tests	No of positive results
Influenza virus type A			
Newcastle disease virus			

Signature: Date:
Government Approved Veterinarian

Name:

Address:
.....

[NOTE: A **Government Approved Veterinarian** is either a Government Veterinary Officer or a specially appointed veterinarian, as authorised by the Veterinary Administration of the exporting country.]

[NOTE: All pages are to be endorsed with the Official Stamp.]

**CERTIFICATE FROM THE VETERINARY OFFICER-IN-CHARGE TORRENS
ISLAND ANIMAL QUARANTINE STATION,
OR THE AUSTRALIAN GOVERNMENT VETERINARY OFFICER
SUPERVISING THE APPROVED PRIVATE QUARANTINE FACILITY**

Details of imported Consignment:

- a. Consignor:
- b. Date of Arrival:
- c. Identification of consignment:
- d. Description of Contents:

*I, (please print name), Veterinary Officer-in-Charge of the Torrens Island Animal Quarantine Station (TIAQS) certify that:

OR

*I, (please print name), the Supervising Veterinary Officer at the Approved Private Quarantine Facility (APQF) certify that:

*** Delete whichever is not applicable**

- 1. The consignment of eggs described above was carried directly from the aircraft to the egg hatchery. After arrival, the eggs were stacked on plastic egg flats and were either:
 - (i) fumigated with formaldehyde gas (generated by the addition of 35 cc of commercial formalin [40% solution] to 17.5 grams of potassium permanganate for each 2.38 cubic metres of fumigation space) in a suitable room or cabinet with forced ventilation at a temperature of at least 20°C and a relative humidity of between 80% and 90% for 20 minutes with no free water; or
 - (ii) disinfected by an alternative procedure of at least equal efficacy which has been approved by the Director.

The eggs were then incubated to hatch the quarantine flock.

A quantity of eggs from Australian SPF flocks, which met the "Specifications of Tests which are to be applied to Specific Pathogen Free Chicken Flocks used in the Production and Testing of Avian Viral Vaccines" (Commonwealth Department of Health), were treated similarly and incubated to hatch the sentinel flock. The ratio of Australian SPF chicks to imported chicks at the day-old stage was 1:50. In the case where the 1:50 ratio resulted in the number of sentinel chickens being less than 100, a minimum of 100 sentinel chickens were reared concurrently with the quarantine flock.

2. All packing materials consigned with the imported eggs were destroyed.

3. EITHER

*All eggs and imported and sentinel birds in the TIAQS were observed daily for evidence of disease and, where abnormalities were observed, a full investigation was carried out and a report is attached.

OR

*To the best of my knowledge, all eggs and imported and sentinel birds in the APQF were observed daily for evidence of disease. Where abnormalities were observed and reported to me, a full investigation was carried out and a report is attached.

*** Delete whichever is not applicable**

4. Cloacal swabs were collected from a sample of birds in the quarantine flock at 9 weeks of age. The sample tested was of a sufficient size to give a 99% confidence of detecting the diseases tested if there was a 5% disease prevalence in the source flock. Each sample and each bird was so identified that a second sample could have been collected later from any specified bird. Cloacal swabs from groups of no more than 5 birds were pooled and tested for freedom from the following pathogens with negative results in each case:

(i) haemagglutinating agents by direct inoculation of the allantoic cavity of 9-11 day-old chick embryos with cloacal swabs. Any agents isolated were specifically identified and influenza virus type A, Newcastle disease virus, avian paramyxovirus type 2 and type 3 were absent.

(ii) infectious bursal disease virus

5. At 6 weeks and again at 9 weeks of age, all the sentinel birds were bled and tested serologically for infectious bursal disease. Those birds with positive serology were necropsied and the samples sent to AAHL or

..... (an Approved Government Laboratory).
Results of any necropsies undertaken are attached.

6. All sentinel birds were bled at 9 weeks of age. Sufficient blood was collected from each bird sampled for the performance of the required tests. Each sample and each bird was so identified that a second sample could have been collected later from any specified bird. Anti-coagulant was not added. The blood was allowed to clot and the serum removed.

[Note: Samples of blood were, if necessary, incubated at 37°C for 2 hours to aid clotting and sera clarified by centrifugation. Sera may be sterilised by filtration and, after a sub-sample is taken for the test for *Mycoplasma*, may be frozen. Preservatives were not added. Unless specified in a particular test, serum was not diluted nor were samples of serum from different birds pooled.]

Each serum sample collected was tested for antibodies to the following pathogens:

Influenza virus type A
Newcastle disease virus
Salmonella Pullorum
Salmonella Gallinarum
Salmonella Enteritidis
Turkey viral rhinotracheitis

Where there were positive or suspicious reactors for *Salmonella Pullorum*, *Salmonella Gallinarum*, *Salmonella Enteritidis*, all of the reactors were killed and their organs cultured, and the results of the tests are attached.

7. The absence of *Salmonella Enteritidis*, *Salmonella Arizona* and other specified salmonellae was determined by early microbial monitoring techniques - see Appendix 8.
8. Specifications for the tests above are detailed in Appendix 8.
9. The quarantine flock (at day-old) was vaccinated/not vaccinated [delete one] with HVT virus for Marek's disease by the importer.
10. All birds in the TIAQS were only allowed feed which had been irradiated to 2.5 megarads and only allowed drinking water which had been sterilised either by physical means or by acidification to pH 2.

[NOTE: This condition is OPTIONAL for birds in an APQF. However, the manager/director should ensure that the health status of the quarantine flock is not compromised by the provision of any contaminated feed/water.]

11. EITHER

*During the quarantine period in the TIAQS, all appropriate security measures with respect to the egg hatchery, to staff associated with the hatchery and to all materials entering or leaving the hatchery were taken. To my knowledge at no stage during the quarantine period was there a breakdown in security.

OR

*I have audited/supervised the audit of the programme according to the requirements set out in the Approved Quarantine Manual. As far as could be ascertained, during the quarantine period, all appropriate security measures with respect to the egg hatchery, to staff associated with the hatchery and to all materials entering or leaving the hatchery were taken. To the best of my knowledge, at no stage during the quarantine period was there a breakdown in security at the APQF.

*** Delete whichever is not applicable**

12. I attach the reports from AAHL/..... (Approved Government Laboratory) which identify the samples tested with the birds in the quarantine and sentinel flock, establish the validity of all tests and state the results of all tests.

13. I attach the declaration by the owner/manager of the source flock and the two certificates (with enclosures) which I have received from the Government Veterinary Officer of the Country of Export, which refer to this consignment.

14. After consideration of all relevant information, I certify that the progeny of this consignment *ARE or *ARE NOT qualified to be released from quarantine.

Signature: Date:

Name:

*Veterinary Officer-in-Charge
Torrens Island Animal Quarantine Station

OR

* Supervising Veterinary Officer
..... Approved Private Quarantine Facility

Address:
.....

*** Delete whichever is not applicable**

[NOTE: All pages are to be endorsed with the Official Stamp.]

(A) Approved Tests For The Importation Of Fertile Eggs

PATHOGEN	TESTS	OIE/AAHL/SCAHLs
Infectious bursal disease virus	AGID, VN	OIE
	ELISA	AAHL, OIE
Influenza virus type A	ELISA	AAHL
	AGID	OIE, SCAHLs
Newcastle disease virus	HIT	AAHL, OIE, SCAHLs
Avian paramyxoviridae type 2 and 3	HIT	OIE
<i>Salmonella Pullorum</i> , <i>Salmonella Gallinarum</i> , <i>Salmonella Enteritidis</i>	RSAT	AAHL, OIE
	WBTAT	SCAHLs
Turkey viral rhinotracheitis	ELISA	AAHL

HIT haemagglutination inhibition test
 ELISA enzyme-linked immunosorbent assay
 RSAT rapid serum agglutination test
 AGID agar gel immunodiffusion test
 VN virus neutralisation test
 WBTAT whole blood tube agglutination test

OIE Office International Des Epizooties
 AAHL Australian Animal Health Laboratory
 SCAHLs Subcommittee on Animal Health Laboratory Standards, Australia

(B) Comparison of AAHL, SCAHLS and OIE Protocols and Test Interpretations

Avian Influenza

Isolation OIE at least 5 eggs used, allantoic fluid checked for HA by AGID
 AAHL at least 3 eggs used, allantoic fluid checked for HA by ELISA

Serology OIE AGID
 SCAHLS AGID
 AAHL ELISA (more specific and more sensitive)
 >60% inhibition is positive,
 40 - 60% inhibition is inconclusive.

Newcastle Disease

Isolation OIE at least 5 eggs used
 AAHL at least 3 eggs used

Serology OIE, SCAHLS and AAHL classify sera with antibody titres equal to or greater than 1/8 as positive.

***Salmonella* Pullorum**

Serology SCAHLS use whole blood tube agglutination test.
 OIE and AAHL use rapid serum agglutination test.
 any clumping is considered positive.

IBD

Serology OIE AGID
 AAHL ELISA

TRT

Serology AAHL uses commercial ELISA kit; S/P ratio >0.3 is positive.

(C) Examination for *Salmonella* spp in eggs/birds at Torrens Island Quarantine Station/Approved Private Quarantine Facility

a) Serological Testing

Testing for *S. Pullorum*, *S. Enteritidis* and *S. Gallinarum* requires serology using the group specific test. Serum is to be collected from all SPF in-contact sentinel birds at 9 weeks of age.

Testing for the remaining *Salmonella* serotypes relies on cultures from a range of environmental and post-mortem samples.

b) Hatchery Sampling for Bacteriological Culture of *Salmonella* spp.

The testing is designed to identify *S. enteritidis*, *S. Arizona* and any other *Salmonella* species present.

Currently in the Torrens Island Quarantine Station, consignments of 7-8,000 eggs may be imported. The eggs are set in incubators of 11 trays holding 270 eggs each (2970 eggs per incubator).

Hatchery Waste:

Samples of shell debris and membranes are to be collected from each hatching tray and pooled. Specimens from each incubator are to be kept separate. Emphasis will be on the collection of the most moist/cruddy egg shells and debris. Approximately 200 ml of material may be collected from each tray, 2200 ml per incubator (a subsample of up to 200g per incubator should be cultured).

Pipped embryos:

All pipped embryos are to be sampled. The livers and alimentary tracts are to be removed aseptically and placed in separate containers, either individually or in pools of up to 20. Containers must be labelled so that sample pairs can be identified. The efficiency of candling to remove infertile eggs may vary with egg colour. Therefore the total number of embryos which fail to hatch may vary between consignments. Candling of white eggs may result in only 1-2 eggs per tray failing to hatch, however, up to 1/3 of brown eggs selected may fail (3-200 pools of 20).

Mortalities:

All birds which die within 10 days after hatching are to be sampled. The liver and caecum are to be removed aseptically from each bird, keeping the two separate. Specimens are preferably submitted individually or if large numbers are involved may be pooled into groups of up to 5. Containers must be labelled to allow sample pairs to be identified. Mortality rates of <5% can be expected (<50 pools of 5).

APPENDIX 9**SAMPLE SIZE FOR 99% CONFIDENCE OF DETECTING 0.5% AND 5%
PREVALENCE OF DISEASE**

Population Size	Sample Size to detect 0.5% prevalence	Sample Size to detect 5% prevalence
10	10	10
20	20	20
30	30	30
40	40	36
50	50	42
60	60	47
70	70	51
80	80	54
90	90	57
100	100	59
120	120	63
140	140	67
160	160	69
180	179	71
200	198	73
250	244	76
300	286	78
350	325	80
400	360	81
450	392	82
500	421	83
600	470	84
700	512	85
800	546	85
900	576	86
1000	601	86
1200	642	87
1400	674	87
1600	699	88
1800	720	88
2000	737	88
3000	792	89
4000	821	89
5000	840	89
6000	852	90
7000	861	90
8000	868	90

9000	874	90
10000	878	90
a	919	90

OIE DEFINITIONS

Newcastle Disease

Newcastle disease (ND) is a disease of birds caused by strains of avian paramyxovirus type 1, significantly more virulent than lentogenic strains, for example, the vaccine strains Hitchner B₁ and La Sota. Some species of birds may be infected with virulent strains of Newcastle disease virus without showing clinical signs.

Fowl plague

Fowl plague (FP) is a disease of poultry caused by any serotype of avian influenza A, which has a significant pathogenicity in laboratory tests. A suitable test is to inoculate eight healthy susceptible chickens, four to eight weeks old, with bacteria-free infected allantoic or cell-culture fluid, and to observe for up to eight days. Virus of a pathogenicity sufficient to be designated fowl plague will cause at least 75% mortality.

Case

means an individual animal affected by one of the infectious or parasitic diseases recognised by the OIE, the criterion by which 'affected' is defined being made clear in each instance (for example: clinical signs, serological evidence).

Stamping out policy

means the carrying out under the authority of the Veterinary Administration, on confirmation of a disease, of animal health prophylactic measures, consisting of killing the animals which are affected and those suspected of being affected in the herd and, where appropriate, those in other herds which have been exposed to infection by direct animal to animal contact, or by indirect contact of a kind likely to cause the transmission of the causal pathogen. All susceptible animals, vaccinated or unvaccinated on an infected premises should be killed and the carcasses destroyed by burning or burial, or by any other method which will eliminate the spread of infection through the carcasses or products of the animals killed.

This policy should be accompanied by the cleansing and disinfection procedures as defined in the Code.

The term "modified stamping-out policy" should be used in communications to the OIE whenever the above animal health measures are not implemented in full and details of the modifications should be given.