



DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS
 SCOTISH GOVERNMENT
 WELSH GOVERNMENT
 DEPARTMENT OF AGRICULTURE, ENVIRONMENT AND RURAL AFFAIRS - NORTHERN IRELAND

No:.....

EXPORT OF HATCHING EGGS OF COMMERCIAL CHICKEN(*Gallus gallus*) TO AUSTRALIA

HEALTH CERTIFICATE 1 PART B: FLOCK STATUS AND TESTING

EXPORTING COUNTRY: UNITED KINGDOM

FOR COMPLETION BY: OFFICIAL VETERINARIAN

I. Number and identification of the hatching eggs

Australian import permit number:

Number of eggs	Identification Mark(s)	Collection date(s)

II. Origin of the hatching eggs

a) Name and address of exporter:

III. Destination of the hatching eggs

a) Name and address of consignee:

IV. FLOCK STATUS AND DISEASE TESTING

I, _____, a Government Approved Official Veterinarian of the United Kingdom, hereby certify in relation to the consignment of hatching eggs identified on this certificate that:

- 1) The source flock, from which the eggs for export to Australia were derived, has been under my direct supervision for the 90 days immediately preceding the collection of eggs for this consignment and during collection, and, after due enquiry, I have no reason to doubt the truth of the owner/manager's declaration on certificate 2386EHC 1A;
- 2) The source flock is housed in secure rodent-proof and bird-proof buildings within the primary breeding establishment. The primary breeding establishment is isolated by at least 400 metres from all other neighbouring poultry farms and/or poultry breeding establishments unless these are shown by testing to be of a health status equal to the source flock.
- 3) All water supplied to the source flock is secure against contamination by wild birds; All buildings containing feed and feeding equipment for the source flock are also bird-proofed;

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- 4) A biosecurity programme has been in place during the entire period under my direct supervision to minimise the introduction of disease. This included the use of dedicated staff for the source flock, movement control and disinfection of vehicles not dedicated to the source flock facility, such as those for waste removal, feed delivery and service personnel vehicles.
- 5) 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 from 90 days prior to the commencement of egg collection until despatch of this consignment;
- 6) The source flock has been free from clinical signs of the following diseases for the 90 day period prior to collection of the eggs and during egg collection for export to Australia and has not come into contact with any birds showing evidence of these diseases:

Avian Influenza
 Newcastle disease (APMV-1)
 Avian paramyxovirus type 3 (APMV3)
 Fowl typhoid (*Salmonella Gallinarum*)
 Pullorum disease (*Salmonella Pullorum*)
Salmonella Enteritidis infection
 Arizona disease (*Salmonella Arizonae*)
 Avian pneumovirus
 Infectious bursal disease
Mycoplasma iowae infection
 Runtling/stunting syndrome

- 7) **Avian influenza testing**
 Not more than 21 days before the first day of collection of eggs for export to Australia, a sample of the source flock of sufficient size to give a 99% confidence of detecting disease if there was a 5% disease prevalence was tested by the ELISA / AGID* test for **influenza virus type A** with negative results in each case.

- 8) **Newcastle disease virus (APMV-1) and paramyxovirus 3 (APMV-3) serology**

a. Vaccinated flocks: (delete in case of unvaccinated source flocks)*

EITHER*

(i) Not more than 21 days prior to 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** and **Avian paramyxovirus 3 (APMV3)** by the Haemagglutination Inhibition test (HIT). Serological titres for each bird are attached to this certificate and are consistent with vaccination for Newcastle disease virus (APMV-1). The laboratory report specifies the units used for the titres and at what value they are considered positive.

After sampling, the 100 individually identified birds were replaced randomly throughout the source flock. Testing is scheduled to be repeated on the same individually identified birds not less than 14 days after the collection of the last egg for this consignment, in accordance with health certificate 2 (2386EHC 2A);

OR*

(ii) At least 14 days prior to the commencement of egg collection for this consignment, unvaccinated sentinel birds were placed evenly throughout the source flock at a rate of 1 sentinel bird per 100 source flock birds with a minimum of 30 sentinel birds. Daily observation of these birds was undertaken with no evidence of clinical signs of Newcastle disease virus (APMV-1) or avian paramyxovirus 3 infections. On the first day of collection of eggs for this consignment, each sentinel bird was tested serologically for Newcastle disease virus (APMV-1) and avian paramyxovirus 3 (APMV-3) with negative results. Testing is scheduled to be repeated on the same sentinel birds not less than 14 days after the collection of the last egg for this consignment, in accordance with health certificate 2 (2386EHC 2A);

b. Unvaccinated flocks: (delete if the case of vaccinated source flocks)*

Not more than 21 days before the first day of collection of eggs for export to Australia, a sample of the source flock was tested serologically for Newcastle disease virus (APMV-1) and paramyxovirus 3 (APMV-3) with negative results. Testing was conducted on a flock sample of a sufficient size to give a 99% confidence of detecting the disease if there was a 5% disease prevalence in the source flock.

- 9) **Salmonella serology**

EITHER*

(i) The source flock is housed in an establishment that is subject to regular salmonella surveillance by serological testing of birds and/or environmental

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sampling and salmonella culture under a government scheme recognised by the Department of Agriculture, Water and the Environment (see Appendix 1 of the Australian import permit). No serological or microbiological evidence of *S. Pullorum*, *S. Gallinarum* or *S. Enteritidis* was detected in the birds or environment.

Name of Scheme(s) as listed in the government scheme recognised by the Department of Agriculture, Water and the Environment in Appendix 1 of the Australian import permit:

Accreditation number(s):

Last two sample dates: /

OR*

(ii) Not more than 21 days before the first day of collection of eggs for export to Australia, a sample of the source flock(s) of sufficient size to give a 99% confidence of detecting disease at 0.5% prevalence was tested serologically for *S. Pullorum*, *S. Gallinarum* and *S. Enteritidis* with negative results in each case.

Note: All birds that gave a positive or suspicious serological result for *Salmonella Pullorum*, *S. Gallinarum* or *S. Enteritidis* were killed, and their organs cultured and identified for these *Salmonella* species. The results of the cultures and identifications are attached and none of these species were identified.

10) ***Salmonella Arizonae***

EITHER*

(i) The source flock is housed in an establishment that is subject to regular environmental sampling and salmonella culture under a government scheme recognised by DAWE (see Appendix 1 of the Australian import permit) as being equivalent to the testing requirements below. *Salmonella Arizonae* species were not detected in the flock or the establishment during the previous two samplings.

Name of Scheme(s) as listed in the government scheme recognised by the Department of Agriculture, Water and the Environment in Appendix 1 of the Australian import permit:

Accreditation number(s):

Last two sample dates:

OR*

(ii) Not more than 21 days before the first day of collection of eggs for export to Australia the source flock was determined to be free from infection with *Salmonella Arizonae* by culture and isolation from shed litter.

Total number of composite samples cultured

20 composite samples, representative of the entire source flock, were collected from each source flock. Each composite sample consists of 3 floor and 2 nest litter samples (i.e. a total of 60 floor locations and 40 nest box locations).

11) **Avian pneumovirus**

A) For source flocks not vaccinated against avian pneumovirus*

not more than 21 days prior to the first day of collection of eggs for export to Australia, the source flock was tested using an ELISA test for avian pneumovirus. The sample size 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.

Number of samples:

EITHER*

(i) all results were negative;

OR*

(ii) any birds returning positive results were re-tested using the IFA test with negative results. Test results must be attached to the health certificate. A short

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explanation must be provided by the certifying vet as to why these re-tests confirm the positive results as false:

B) For source flocks vaccinated against avian pneumovirus*

No more than 21 days prior to the first day of collection of eggs for export to Australia, a random sample of 100 individually identified birds in the source flock were serologically tested for avian pneumovirus using the ELISA method. Test results for each bird are attached to the certificate and are consistent with vaccination against avian pneumovirus. The laboratory report specifies the units used to report the results, at what value they are considered positive, and an explanation as to why this is considered consistent with vaccination against avian pneumovirus.

After sampling, the 100 individually identified birds were replaced randomly throughout the source flock. Testing is scheduled to be repeated on the same individually identified birds not less than 14 days after collection of the last egg for this consignment, in accordance with Health Certificate 2 (2386EHC 2A).

- 12) All tests were
- (i) carried out in a laboratory of the Animal and Plant Health Agency (APHA), or a laboratory approved by the government of the United Kingdom for this specific purpose and agreed by the Department of Agriculture, Water and the Environment;
 - (ii) OIE-approved* or agreed by the Department of Agriculture, Water and the Environment**

Test results are shown in the table below. Laboratory reports must also be attached to the veterinary certificate and forwarded to the Department of Agriculture, Water and the Environment.

Total number of birds in the source flock:

Disease	Laboratory	Test used	No. of tests	No. of positive results	Details of any re-testing
Avian Influenza Influenza virus type A					
Newcastle disease (APMV-1)					
Avian paramyxovirus type 3 (APMV-3)					
<i>Salmonella</i> Pullorum					
<i>Salmonella</i> Gallinarum					
<i>Salmonella</i> Enteritidis					
<i>Salmonella</i> Arizona					
Avian pneumovirus					

- 13) The eggs for export to Australia were collected over a period of no more than 14 days. 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.

- 14) The eggs in this consignment were clean and were not washed or cleaned after collection.

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- 15) The eggs were collected, indelibly marked and dispatched under the supervision of the Official Veterinarian.
- 16) After collection, the eggs in this consignment were stacked on egg flats that are either new or clean and disinfected prior to use by one of the methods listed in subparagraphs (i), (ii) or (iii) below. Eggs are stacked so as to permit air circulation and, within 8 hours of lay, were:

- EITHER** (i)* fumigated with formaldehyde gas in accordance with the OIE recommendations for the sanitisation of hatching eggs and hatchery equipment;
 - OR** (ii)* disinfected using Virkon;
 - OR** (iii)* disinfected using an agent approved by DAWE (Written approval must be attached to the veterinary certificate);
- name of product
active ingredient(s)

- 17) After fumigation/disinfection, eggs were cooled to storage temperature and then packaged in the room they were fumigated or disinfected into new crates with new, unused separators and sealed in leak-proof egg boxes for transport to Australia. The eggs were handled and packed in a manner to avoid any contamination. The sealed boxes were secured in isolation from other birds and eggs until dispatch.

* Delete whichever is not applicable

V. This certification is valid for 15 days.

Stamp

SignedRCVS

Name in
block letters **Official Veterinarian**

Address

.....

Date

Email and contact number

.....

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