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**Changes to legislation:** There are outstanding changes not yet made to Commission Decision of 4 August 2006 approving a Diagnostic Manual for avian influenza as provided for in Council Directive 2005/94/EC (notified under document number C(2006) 3477) (Text with EEA relevance) (2006/437/EC). Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

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## ANNEX

### DIAGNOSTIC MANUAL FOR AVIAN INFLUENZA

#### CHAPTER XII

##### **Minimum safety requirements for the transport of samples**

1. The transport of samples in which pathogens are known to be present or suspected of being present are the subject of strict national and international regulations that must be adhered to at all times. Virus isolates are not classified as diagnostic samples but must be packaged in accordance with international standards.

The instructions set out in this chapter are for air transport, but similar packaging must be used for land or sea transport of samples.

2. Packing diagnostic specimens for transport

Diagnostic specimens transported under the IATA Regulations are assigned to UN identification number 2814, 2900, or 3373, as relevant.

The shipper and not the transport company is responsible for the shipment until the package reaches the consignee.

3. Primary packaging
  - (a) Primary receptacle(s) must be water tight, for example, screw caps must be sealed with parafilm or adhesive tape or similar protections taken.
  - (b) Multiple primary receptacles must be wrapped individually to prevent breakage.
  - (c) When determining the volume of diagnostic specimens being shipped, the viral transport media must be taken into account.
  - (d) Primary receptacle(s) must not contain more than 500 ml or 500 g.

The entire contents of the primary receptacle is the diagnostic specimen.

4. Secondary packaging
  - (a) Enough absorbent material in the secondary container to absorb the entire contents of all primary receptacles in case of leakage or damage must be used.
  - (b) Secondary packaging must meet the IATA packaging requirements for diagnostic specimens including 1,2 metres (3,9 feet) drop test procedure. Since infectious substance packaging surpasses the requirements for diagnostic specimen packaging, in the IATA Packing Instruction 602, it may be used.
  - (c) Infectious substance packaging must have the required specification markings on packaging (UN will be in a circle), for example:

##### **UN 4G/CLASS 6.2/99/GB/2450**

- (d) Secondary packaging must be watertight. The packaging manufacturer or other authorised party's packing instructions, included with the secondary packaging, must be followed.

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- (e) Secondary packaging must be at least 100 mm (four inches) in the smallest overall external dimension.
- (f) Secondary packaging must be large enough for shipping documents, such as an air waybill.

5. Outer packaging

- (a) The outer packaging must not contain more than 4 l or 4 kg.
- (b) If required, either dry ice or wet ice must be placed outside the secondary packaging. If using dry ice the packaging must permit the release of carbon dioxide gas and not allow a build-up of pressure that could rupture the packaging. If using wet ice, the packaging must be leak-proof.

Each package and the air waybill must be marked with the following exact wording:

**UN 3373 DIAGNOSTIC SPECIMEN  
PACKED IN COMPLIANCE WITH  
IATA PACKING INSTRUCTION 650**

- (c) An itemised list of contents must be enclosed between the secondary packaging and the outer packaging.
- (d) The outer packaging must be placed in a sealed plastic bag to protect from moisture.
- (e) A Shipper's Declaration for Dangerous Goods is not required.

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### Changes and effects yet to be applied to the whole legislation item and associated provisions

- Annex Ch. 5 para. 4(c) omitted by [S.I. 2018/1410 reg. 10\(7\)\(b\)](#)
- Annex Ch. 5 para. 4(d) omitted by [S.I. 2018/1410 reg. 10\(7\)\(b\)](#)
- Annex Ch. 5 para. 4(b)(iii) substituted by [S.I. 2018/1410 reg. 10\(7\)\(a\)\(i\)](#)
- Annex Ch. 14 para. 1 word substituted by [S.I. 2018/1410 reg. 10\(12\)\(a\)](#)
- Annex Ch. 1 para. 6(b)(i) words omitted by [S.I. 2018/1410 reg. 10\(6\)\(b\)\(i\)](#)
- Annex Ch. 1 para. 6(b)(ii) words omitted by [S.I. 2018/1410 reg. 10\(6\)\(b\)\(ii\)\(aa\)](#)
- Annex Ch. 1 para. 6(b)(ii) words omitted by [S.I. 2018/1410 reg. 10\(6\)\(b\)\(ii\)\(bb\)](#)
- Annex Ch. 5 para. 4(b) words omitted by [S.I. 2018/1410 reg. 10\(7\)\(a\)\(ii\)](#)
- Annex Ch. 1 para. 1 words omitted by virtue of [S.I. 2018/1410, reg. 10\(6\)\(a\)](#) (as substituted) by [S.I. 2020/1388 reg. 25\(7\)\(b\)](#)
- Annex Ch. 1 para. 1 words substituted by [S.I. 2018/1410 reg. 10\(6\)\(a\)](#) (This amendment not applied to legislation.gov.uk. [Reg. 10\(6\)\(a\)](#) substituted immediately before IP completion day by virtue of [S.I. 2020/1388, regs. 1\(2\)\(a\), 25\(7\)\(b\)](#))
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410 reg. 10\(12\)\(b\)\(i\)](#)
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410 reg. 10\(12\)\(b\)\(ii\)](#)
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410 reg. 10\(12\)\(b\)\(iii\)\(iv\)](#) (This amendment not applied to legislation.gov.uk. [Reg. 10\(12\)\(b\)\(iii\)](#) substituted and (iv) omitted immediately before IP completion day by virtue of [S.I. 2020/1388, regs. 1\(2\)\(a\), 25\(7\)\(c\)\(i\)\(ii\)](#))
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410, reg. 12\(b\)\(iii\)](#) (as substituted) by [S.I. 2020/1388 reg. 25\(7\)\(c\)\(ii\)](#)
- Art. 2a inserted by [S.I. 2018/1410 reg. 10\(3\)](#)
- Art. 2a(a)(ii)(iii) Art. 2a(a)(iii)(iv) renumbered as Art. 2a(a)(ii)(iii) in earlier amending provision [S.I. 2018/1410, reg. 10\(3\)](#) by [S.I. 2020/1388 reg. 25\(7\)\(a\)\(i\)](#)
- Art. 2a(a)(ii) omitted in earlier amending provision [S.I. 2018/1410, reg. 10\(3\)](#) by [S.I. 2020/1388 reg. 25\(7\)\(a\)\(i\)](#)
- Art. 2a(b) words substituted in earlier amending provision [S.I. 2018/1410, reg. 10\(3\)](#) by [S.I. 2020/1388 reg. 25\(7\)\(a\)\(ii\)](#)