

ICS 03.220.50
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 23240-2009

**Air transportation criterion for infectious substances
(English Translation)**

Issued on: March 9, 2009

Implemented on: August 1, 2009

Issued by: Standardization Administration of China

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Foreword

The standard Chapter 1 - Chapter 3 recommendatory provisions, the rest are mandatory provisions.

Appendix A of this standard is a normative appendix, Appendix B, Appendix C are informative appendices.

The standard proposed by China Civil Aviation Administration.

The standard by the China Civil Aviation Administration of Aviation Safety Technology Center.

This standard was drafted. China Civil Aviation Administration of Aviation Safety Technology

Center, China International Cargo Airlines.

1 Scope

This standard specifies the air transport specification infectious substances.

This standard applies to air transportation of infectious substances.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 6944-2005 Classification and code of dangerous goods People's Republic of China
Ministry of Health, "human infectious pathogens List" International Air Transport Association (IATA) "Dangerous Goods Regulations" (hereinafter referred to DGR) Section 48

3 Terms and Definitions

The following terms and definitions apply to this standard.

Can cause human or animal microbial infections (including bacteria, viruses, rickettsia, parasites, fungi) or other media (microorganisms Body includes a recombinant hybrid or mutant).

[GB 6944-2005, terms and definitions 3.14] 3.2 it is known or are reasonably expected to contain pathogens.

[ICAO (ICAO) Dangerous Goods Safety air transport technology Details Chinese Edition 2007--2008 Edition 6.3.1.1] 3.3 in order to study, diagnosis, investigation and treatment of disease and prophylactic purposes of a class of transport from a human or animal body or collected directly Animal substances, including but not limited to, excreta, secretions, blood and its components, tissue and tissue fluid swabs, and body parts.

[ICAO Dangerous Goods Safety air transport technology Details Chinese Edition 2007--2008 Edition 6.3.1.4] 3.4 Deliberately breeding of pathogens. 3.3 does not include patient specimens as defined in humans or animals.

[ICAO Dangerous Goods Safety air transport technology Details Chinese Edition 2007--2008 Edition 6.3.1.3] 3.5 Four Arabic numbered prepared by the United Nations Committee of Experts on the Transport of Dangerous Goods to identify a substance or a particular class of substances.

[GB 6944-2005, terms and definitions 3.18] 3.6 Made from living organisms, according to

the licensing requirements may have the national government authorities require manufacturers or sales, for the prevention, Treatment or diagnosis of disease in humans or animals, or for development, experimental or investigational purposes of products with such activities. Including but not limited to Goods or finished goods, such as vaccines.

[ICAO Dangerous Goods Safety air transport technology Details Chinese Edition 2007--2008 Edition 6.3.1.2]

4.1 Liability of the shipper

The shipper shall implement the relevant provisions and meet the following requirements.

- a) When the ship infectious substances, in addition shall comply with relevant laws, regulations, orders or requirements, must also comply with relevant international conventions and in line with the relevant period DGR 48 countries and differences in terms of the carrier;
- b) prior to shipment should ensure that all relevant personnel have been trained, and able to perform their duties;
- c) ensure that checked items is not a prohibited air cargo;
- d) The consignment items to make the right identification, classification, packaging, marking, labeling and document preparation;
- e) the consignee and the carrier in advance to make the necessary arrangements, including.
 - 1) in accordance with the industry department, import and export licenses and (or) Zhunyun license;
 - 2) select the most direct route;
 - 3) Avoid the goods arrive at the weekend or holiday destination;
 - 4) provide the person in charge of the 24h emergency telephone number.

4.2 Carrier's Liability

The carrier shall implement the relevant provisions and to ensure that.

- a) correctly collection, transportation, storage, loading, inspection, information, reports, documents and save training;
- b) as far as possible choose the most direct route;
- c) strict monitoring to ensure the safe and efficient transportation.

5.1 Do

Infectious substances classified as dangerous goods in item 6.2, and the home of one of the following.

- a) UN2814 Infectious substance, affecting humans (liquid) [UN2814Infectioussubstance, affectinghumans (Liquid)];
- b) UN2814 Infectious substance, affecting humans (solid) [UN2814Infectioussubstance, affectinghumans (sol-id)];
- c) UN2900 infectious substances, only to infected animals (liquid) [UN2900Infectioussubstance, affectinganimals only (liquid)];
- d) UN2900 Infectious substance, affecting animals only infection (solid) [UN2900Infectioussubstance, affectinganimals only (solid)];
- e) UN3291 biomedical waste, do not other specified (UN3291Biomedicalwaste, n.o.s).;
- f) UN3291 clinical wastes, other do not specified (UN3291Clinicalwaste, unspecified, n.o.s).;
- g) UN3291 MEDICAL WASTE, NOS make provisions (UN3291Medicalwaste, n.o.s).;
- Medical waste h) UN3291 control, do not other specified (UN3291Regulatedmedicalwaste, n.o.s).;
- i) UN3373 Biological substance, category B (UN3373Biologicalsubstance, categoryB).

5.2 Classification

5.2.1

A Class

When transporting infectious substances, once the leak, make infected people or animals causing permanent disability, life-threatening or fatal disease.

Causing human or human-animal comorbidity infectious substances should be attributed to the A class, UN2814. Caused only infectious animal diseases Substances should be attributed to Class A, UN2900.

A Class infectious substances see People's Republic of China Ministry of Health, "human infectious pathogens List" and Table 1, Table 2.

Table 1 was placed under UN2814 Infectious substances

UN number and proper shipping name names infectious substances UN2814 Infectious substances Human infection Crimean - Congo hemorrhagic fever virus Crimean-Congo hemorrhagic fever virus Dengue virus (cultures only bacteria) Dengue virus