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SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 2024-2017

Replacing SN/T 2024-2007

**Requirements of biosafety levels for entry and exit animal
quarantine laboratories**

出入境动物检疫实验室生物安全分级技术要求
(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces the SN/T 2024-2007 "Technical Requirements for Biosafety Classification of Entry-Exit Animal Quarantine Laboratories".

Compared with SN/T 2024-2007, the main changes of this standard are as follows.

--- Removed some of the terms and definitions of the 2007 edition (see 2007 and 3.2 and 3.3);

--- Revised the classification of pathogen hazards (see Chapter 4, Chapter 4 of the 2007 edition);

--- Revised and increased risk assessment and risk control of pathogenic microorganisms (see Chapter 5, Chapter 5 of the 2007 edition);

--- Revised the basic principles of biosafety protection in animal quarantine laboratories (see Chapter 6, Chapter 6 of the 2007 edition);

--- Revised some of the requirements for classification and biosafety classification of animal quarantine biosafety laboratories (see Chapter 7, 2007 edition) Chapter 7);

--- Removed the technical requirements of the four-level biosafety laboratory (see 8.4.4 of the 2007 edition);

--- Revised the normative appendix (see Chapter 8, Appendix A of the 2007 edition).

This standard is proposed and managed by the National Certification and Accreditation Administration.

This standard was drafted. Shanghai Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, Shanxi Entry-Exit Inspection and Quarantine Bureau, Shandong Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This standard stipulates the basic principles and biosafety classification of biological safety protection for entry and exit animal quarantine laboratories, and basic laboratory at all levels.

Facilities and configuration.

This standard applies to the construction, use and management of entry and exit animal quarantine laboratories.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 19489 General requirements for laboratory biosafety

3 Terms and definitions

The following terms and definitions apply to this document.

Animal quarantine laboratory Engagement in animal infectious diseases, parasitic diseases, immunology, enzymology, serology, molecular biology, and life related to animals and their products Laboratory for chemical diagnosis of substances.

Hazardous waste any waste that is potentially bio-hazardous, flammable,, corrosive, toxic, radioactive, and destructive to humans, animals, plants, and the environment.

Discard.

Risk risk

The combination of the probability of occurrence of a hazard and the severity of its consequences.

Aerosol

a relatively stable peptized state formed by solid or liquid fine particles suspended in a gaseous medium having a particle diameter of 0.001 μm to 100 μm .

Decentralized system.

Laboratory biosafety the biosafety conditions and conditions of the laboratory are not below the allowable level to avoid laboratory personnel, visitors, communities and the environment.

Acceptable damages, in compliance with relevant regulations, standards and other requirements for laboratory biosafety.

High efficiency air filtration highefficiencyparticulateair-filter;HEPA Usually, 0.3 μm particles are used as test materials, and an air filter having an efficiency higher than 99.97% is filtered under specified conditions.