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

SN/T 3902-2014

**General requirements for biosafety level ?? laboratories of
inspection and quarantine
(English Translation)**

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Foreword

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

This standard reference GB 19489-2008 "Laboratory Biosafety General requirements", GB 19781-2005 "Medical Laboratory Safety Full requirements "and SN/T 2025-2005" animal quarantine laboratory biosafety practices "and so on.

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

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

Introduction

Because of the importance of laboratory bio-safety, the World Health Organization published the third edition of "Laboratory Biosafety Manual" in 2004, the World ISO community launched in 2006 to ISO 15190:2003 "Medical laboratory safety requirements," the revised procedures, a number of important International professional organizations have formulated relevant laws and regulations. In recent years, China's biohazard pathogenic microorganisms and laboratory biosafety ask Questions growing importance, has introduced the relevant standards and regulations.

In routine testing laboratory and scientific research process, all aspects of pathogenic microorganisms are detected may be at risk of infection. test Quarantine Laboratory areas of expertise involved in many complex pathogenic biological agents. The standard full account of the current animal quarantine, health quarantine and food Product relates to the detection of microbial activity characteristic of quarantine and laboratory construction and management of the status quo concerning two biosafety laboratory from architectural design, set Facilities, equipment requirements to all aspects of security management were

carried out in detail. Given the special nature of plant quarantine, we recommend referring to this standard carried out.

This standard has the characteristics of a comprehensive, systematic, targeted and easy operation, suitable for animal quarantine, health quarantine and food microbiological testing and other areas involving about two biosafety laboratory testing activities.

Inspection and Quarantine General requirements for Class II biological safety laboratory

1 Scope

This standard provides for the inspection and quarantine of two biosafety laboratory classification, risk assessment and risk control, building design, facilities and equipment, Basic requirements identification and management system.

This standard applies to the health and quarantine, animal quarantine inspection relates to the field of food microbiology laboratory and low pathogenic biological agents operate.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 19489-2008 General requirements for laboratory biosafety GB 50007 Code for design of building foundation GB 50223 classification of seismic building standards GB 50346 Biological safety laboratory construction technical specifications SN/T 2984 Inspection and Quarantine of animal pathogens experimental activities required for biosafety Details YY0569 II level biological safety cabinet

3 Terms and Definitions

The following terms and definitions apply to this document.

Inspection and quarantine two biosafety laboratory
inspectionandquarantinebio-safetylevel-IIIlaboratory Laboratories involved in the inspection and quarantine of low pathogenic biological agents operate, suitable for operation can cause human or animal disease, but Under normal circumstances to humans, animals or the environment does not pose a serious hazard, the risk of spread is limited, laboratory personnel after infection rarely causes serious illness, and have effective treatment and preventive measures of microorganisms.

Inspection and Quarantine Biosafety Level inspectionandquarantinelevel-Ilbiosafetylevel
Inspection and quarantine to ensure that two laboratory biosafety conditions and the state of not less than the allowable level, to avoid the laboratory staff, visiting staff, community Area and environment is unacceptable damage to comply with the relevant regulations,

standards and other requirements to ensure laboratory biosafety responsibilities.

Aerosols

Suspended in a gaseous medium particle size is generally $0.001\mu\text{m} \sim 100\mu\text{m}$ tiny solid or liquid particles form relatively stable points Bulk system.

[GB 19489-2008, Definition 2.1] 3.4 Accident Resulting in death, unexpected illness, injury, damage and other losses.

[GB 19489-2008, Definition 2.2]