

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

SN/T 2294.2-2009

**Inspection and quarantine laboratory management. Part 2:
Information system**

检验检疫实验室管理 第2部分：信息系统

(English Translation)

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Foreword

SN/T 2294 "Inspection and Quarantine Laboratory Management" series of standards, is divided into the following sections.

--- Part 1. General;

--- Part 2. information systems.

This section SN/T 2294 Part 2.

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

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1 Scope

This section SN/T 2294 provisions of the Inspection and Quarantine Laboratory Information Management System general requirements and specific requirements.

This section applies to the development and construction, Inspection and Quarantine Laboratory Management Information System.

2 Normative references

The following documents contain provisions which, through reference SN/T 2294 to the present, constitute provisions of this section. For dated reference documents Member, all

subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated references, the latest version applies to this section.

GB/T 27025 testing and calibration laboratories General requirements

3 Terms and Definitions

The following terms and definitions apply to this part of the SN/T 2294's.

Information Systems is an organization for the overall management and computer combined system is the integrated use of computer technology, information technology Operation, management, support managers and business process management decision-making man-machine system. It is based on the establishment of system theory, computer Information processing means to a computer network for the transmission of information tools to achieve information collection, transmission, storage, processing, maintenance and use of human System.

4.1 System Development

4.1.1

System development can not simply use the existing computer-implemented laboratory manual management, but according to GB/T 27025 Regulations, use of scientific, information technology, standardization theory to design and development.

4.1.2

should be the appropriate organization to implement and ensure the required attention to the laboratory director and personally led the development and construction of the system, clearly defined lines System functional boundaries, to ensure a reasonable capital investment, choosing a good product or a mature user reputable software developer cooperation.

4.1.3

strict accordance with the norms of software development to develop, submit the following detailed technical documentation. report overall design, needs analysis statement, almost to design specifications, detailed design specifications, data dictionary, data structures and processes, test report, operating instructions, system maintenance manual.

4.2 Operating Environment

Select the operating system, database, network system requires a secure, stable, reliable, software development units should provide assurance of this aspect, and for Lab to manage their operating environment necessary technical training, technical support and

technical services.

4.3 Routine Maintenance

During routine operation system should be established to run log and operating system management, system management operations include important operating parameters to modify, Data dictionary maintenance, user access control, operate and modify the password or password settings, data security operation, data backup and recovery, troubleshooting in addition, etc. should establish strict rules.