

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HJ 725-2014

Acceptance specification for environmental information network

环境信息网络验收规范

(English Translation)

Issued on: December 25, 2014

Implemented on: March 1, 2015

Issued by: Ministry of Ecology and Environment

Table of Contents

Preface

1 Scope of application

2 Normative reference documents

3 Terms and definitions

4 General requirements

5 Main acceptance content and requirements

Acceptance Test Project

7 Integrated wiring acceptance

Appendix A (informative) Acceptance Process Example

Appendix B (informative appendix) Inspection and acceptance of the whole network
Table

Appendix C (informative) Wide Area Equipment Acceptance Table

Appendix D (informative) Metropolitan Area Equipment Acceptance Table

Appendix E (Informative Appendix) LAN Equipment Acceptance Table

Appendix F (informative) firewall acceptance form

Appendix G (informative) Integrated wiring system engineering inspection items and
contents

Appendix H (Informative Appendix) Acceptance Application Form

Foreword

To implement the "People's Republic of China Environmental Protection Law" to promote environmental information work, standardize the contents of the network acceptance, the basic Requirements and acceptance process, the development of this standard.

This standard specifies the environmental information network acceptance of the overall requirements, the basic process, the main content of network acceptance and network systems Test the technical requirements.

Appendix A, Appendix B, Appendix C, Appendix E, Appendix F, Appendix G, Appendix H are informative.

This standard is the first release.

This standard is organized by the Ministry of Environmental Protection Science and Technology Standards Division.

The main drafting of this standard. Environmental Information Department of the Ministry of Environmental Protection.

The Environmental Protection Department of this standard approved on December 25, 2014.

This standard is implemented on March 1, 2015.

This standard is explained by the Ministry of Environmental Protection.

Environmental Information Network Acceptance Specification

1 Scope of application

This standard specifies the environmental information network acceptance of the overall requirements, the basic process, the main content and network system testing technology Technical requirements.

This standard applies to the national and provincial environmental protection administrative departments of environmental information network acceptance work. City, county Class environmental protection administrative departments and all levels of environmental protection departments directly under the unit can refer to the implementation.

2 Normative reference documents

The contents of this standard refer to the following documents or their terms. Those who do not specify the date of the reference file, the effective version of the appropriate for this standard.

GB/T 18019 Information technology - Packet filtering - Security requirements for firewalls
GB/T 18020 Information technology - Application - level firewall security technical requirements
GB/T 18233 Information technology Users of the general group of buildings
Code for design of integrated wiring system for buildings and buildings GB/T 50311 Code for acceptance of GB/T 50312 integrated wiring system engineering HJ 460 environmental information network construction specification
Detection of safety functions of the GA 372 firewall product YD/T 1096 router device specification - low-end router YD/T 1097 router device technical specifications - high-end router YD/T 1098 router test specification - low-end router
Technical Specification for YD/T 1099 Gigabit Ethernet Switch Equipment YD/T 1132 firewall equipment technical requirements Test Method for YD/T 1141 Gigabit Ethernet Switch YD/T 1156 router test specification - high-end router
Technical Requirements for Ethernet Switches with Routing Functionality YD/T 1255 YD/T 1287 Ethernet switch test method with routing function IEC 61935.:2005 Balanced communication cable test according to GB/T 18233/ISO/IEC 11801 Part 1. Installed cloth

3 Terms and definitions

The terms and definitions established in HJ 460 apply to this standard.

4.1 Establish acceptance organization

Establish the project acceptance organization, by the construction unit, the relevant business department, the construction unit, the expert group, the project total integration and engineering supervision.

4.2 Acceptance of organizational form

According to the type and size of the project to determine the form of acceptance, clear responsibilities of the parties. Large projects should be set up project leading group, Under the project office and the working group.

4.3 to develop acceptance program Acceptance program mainly includes. project overview, acceptance basis, acceptance time, location and members, acceptance procedures, acceptance of the main to content, acceptance requirements and acceptance of output documents.

4.4 Clear acceptance process

According to the type and characteristics of the project, the project organization form and acceptance plan, develop the corresponding acceptance process, see Appendix A.

5 Main acceptance contents and requirements

According to the project network system construction cycle, acceptance work includes. equipment arrival acceptance, system testing, preliminary acceptance, the Department of Unified test run, completion acceptance, report.

5.1 Acceptance of equipment arrival

Network equipment acceptance includes equipment quantity confirmation, equipment out of the box inspection, equipment power test, equipment installation and commissioning, End user signature confirmation and other steps.

5.1.1 Confirm the number of equipment

For the arrival of the arrival of the equipment, the need to build units with the system total integration, engineering supervision units, construction units in accordance with the arrival the list requires the completion of the number of equipment inventory and registration work.

5.1.2 Equipment out of the box inspection

Construction unit with the system total integration, project supervision units, construction units in accordance with the arrival list requirements, the packaging of equipment Appearance, brand, model, accessories, etc. to check, register.

5.1.3 Equipment power test

The construction unit to complete the distribution and out of the box inspection equipment, one by one power test, and is responsible for the test records were submitted to the Department Unified management, engineering supervision units, construction units.

5.1.4 Equipment installation and commissioning

The construction unit shall, on the basis of the power supply test of the equipment, carry out the equipment for the equipment involved in the integration work Cabinet installation, commissioning and system debugging, and is responsible for the test records were submitted to the system integration, engineering supervision alone Bit, construction unit. Equipment installation specific requirements.

- A) equipment installation should meet the relevant requirements of engineering design documents;
- B) equipment layout should ensure that the appropriate maintenance intervals; equipment should be neatly arranged, conducive to ventilation and cooling;
- C) equipment installation should be strong, the rack should be installed seismic reinforcement base;
- D) cable layout should be neat and reasonable, the laying of the cable should be tied, elastic moderate, each should be marked.

5.1.5 End User Signature Confirmation

After the equipment quantity confirmation, unpacking test, power test and installation and commissioning are completed, the construction unit needs to assist the terminal Household, complete the "equipment out of the box inspection table" and "equipment commission record report" signature confirmation work.

5.2 System testing

Equipment installation and commissioning is completed, the system should be set up a test team, by the construction unit, the system total integration, engineering supervision, bearing Build units, develop test programs, according to the program for network system testing. After the completion of the test, issued by the construction unit measured Test report, and signed by the test group signed four. See Chapter 6 for details of the test.