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Sales@ChineseStandard.net

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Implementation Rules for Compulsory Product Certification -

Fire Alarm Products

强制性产品认证实施规则

火灾报警产品

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0 Introduction

This Rules is established based on the safety risk and certification risk of fire alarm products in fire protection products. It stipulates the basic principles and requirements for the implementation of compulsory product certification for fire alarm products used in public places and residences. Its purpose is to ensure that the certified products continue to meet the requirements of laws, regulations and standards.

This Rules can be used with other general rules issued by Certification and Accreditation Administration (CNCA), such as “China Compulsory Certification Implementation Rules - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination”, “China Compulsory Certification Implementation Rules - Utilization of Manufacturing Enterprise Testing Resource and Other Certification Results”, “China Compulsory Certification Implementation Rules - Factory Inspection General Requirements”.

The certification body shall make implementation detailed-rules for certification according to the general implementation rules and this Rules and implement them accordingly.

Manufacturing enterprise shall ensure that their certified products are capable of sustaining the compliance with the certification and are compatible with the requirements of the standards.

1 Application scope

This Rules applies to fire alarm products used in public places and residences, mainly including the following types: Point-type smoke fire detector, point-type heat fire detector, manual fire call point, point-type ultraviolet flame detector, special type fire detector, line beam smoke fire detector, fire indicating panel, audible and/or visual fire alarm signaling appliance, fire alarm control unit, fire alarm product for household, independent smoke fire detection alarm, combustible gas detection and alarm products.

2 Certification standards

The certification basis-standards of this Rules are shown in Attachment “Compulsory Certification Unit Division and Basis-Standards - Fire Alarm Products”.

The latest versions of standards for certification testing issued by the National Standardization Administration shall be executed. When adding or reducing the basis-standards or using other versions of the standards, it shall be implemented in accordance with the corresponding announcement issued by the CNCA.

3 Certification modes

3.1 Basic certification mode

The basic certification mode for compulsory certification of fire alarm products used in public places and residences is:

Type test + factory condition document review + after-certification supervision

Products produced by enterprises, which meet the conditions of management norms, integrity and law-abiding, and stable product quality, shall be certified in accordance with the basic certification mode.

3.2 Certification requirements based on risk prevention

In order to prevent certification risks, the certification body shall, based on the results of the classification management of the manufacturing enterprise, add certification elements based on the factory condition document review, to determine the certification mode that can be applied to the certification client. The classification management requirements of manufacturing enterprises and the relevant requirements for adding certification elements shall be stipulated in the certification implementation detailed-rules by the certification body.

3.3 After-certification supervision

The after-certification supervision method shall be one of or various combinations of the three methods: after-certification follow-up inspection, after-certification production or port on-site sampling test or inspection, after-certification on-site sampling test or inspection.

In accordance with the requirements of “China Compulsory Certification Implementation Rules - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination”, the certification body shall, based on the results of enterprise classification management, reasonably determine the after-certification supervision requirements. The relevant requirements are stipulated by the certification body in the certification implementation detailed-rules.

4 Division of certification units

For the division of certification units, see the relevant regulations in the Attachment “Compulsory Certification Unit Division and Basis-Standards - Fire Alarm Products”.

CLIENT shall submit a certification entrusting based on the unit division requirements.

The same products produced by the same manufacturer and different manufacturing enterprises, or the same products produced by different manufacturers and the same manufacturing enterprise may be classified as the same certification unit.

CLIENT shall select on its own the laboratory designated by CNCA (hereinafter referred to as the laboratory) for type test.

The laboratory shall sign a type test contract with the CLIENT. The contract shall include the type test plan based on the principle of unit division, sample requirements and quantity, test standard items, laboratory information, charging standards, and charging methods, etc.

6.1.1 Authenticity requirements of type test samples

CLIENT shall guarantee that all the samples provided are consistent with actual products. The laboratory shall review the authenticity of the samples provided by CLIENT. When the authenticity of the sample is in doubt, the laboratory shall deal with it in accordance with relevant regulations; and explain the situation to the certification body in time.

6.1.2 Implementation of type test

Type test shall be conducted in the laboratory. Laboratory shall conduct the type test to the samples, integrally record the whole test and archive for retaining, so that the test process and results are traceable. The laboratory shall stipulate and publicize the test time limit for each compulsory certification product designated to be tested.

If the manufacturing enterprise has the test conditions required by “China Compulsory Certification Implementation Rules - Utilization of Manufacturing Enterprise Testing Resource and Other Certification Results” and by the certification standards, in the implementation detailed-rules, the certification body shall specify the management procedures and specific requirements for the use of testing resources of the manufacturing enterprise.

6.1.3 Type test report

Certification body shall specify a unified form of type test report.

After the completion of the type test, according to the time limit, the laboratory shall issue a type test report to CLIENT. The type test report shall contain a description of the products and certification-related information involved in the entrusted certification unit. CLIENT shall ensure that, during the after-certification supervision, it can provide a complete and effective type test report to the certification body and law enforcement agencies.

6.1.4 Design appraisal

For enterprises with standardized management, integrity and law-abiding, stable product quality, and classified as A and B in enterprise classification management, when they have the corresponding design capabilities and have the basic results of the implementation of design appraisal; they can apply to the certification body to use design appraisal to replace part of the type test items, to confirm the product conformity. CLIENT shall provide the design appraisal report and related materials completed by the manufacturer. The certification body selects competent laboratories to review the provided design appraisal report and related materials. And it shall submit the audit conclusions to the certification body.

6.2 Document review

The certification body conducts document review in accordance with the rules and standards for factory inspection of fire protection products. The key points are:

- (1) Factory information and product information provided by CLIENT;
- (2) Basic situation of the factory's quality management system;
- (3) Basic situation of factory organization and function allocation;
- (4) Characteristics of the certified product and the production process;
- (5) Materials such as product inspection reports issued by designated laboratories;
- (6) Information on the certificate of the certified product, and information on the use of related signs (if necessary);
- (7) Changes in factories and certified products (if necessary), etc.

If the document has passed the review, the certification body shall carry out follow-up work in accordance with this Rules and the certification implementation detailed-rules. If the document fails to pass the review, CLIENT shall make amendments, supplements and improvements and submit it again.

6.3 Factory inspection

The certification body conducts on-site inspection and evaluation on whether the quality assurance capability of the manufacturing enterprise and the product conformity meet the requirements of the certification rules and standards.

6.3.1 Basic principles

The certification body shall clarify the basic requirements for the quality assurance capability of manufacturing enterprise and for the control of product conformity in the certification implementation detailed-rules.

The manufacturing enterprise shall, in accordance with the relevant provisions of the certification implementation detailed-rules, establish and implement a system which effectively maintains the enterprise's quality assurance capability and product conformity control. Maintain the production conditions of fire alarm products. Ensure that product quality, sign, etc. continue to meet the requirements of relevant laws, regulations and standards. Ensure that certified products and related capabilities and conditions continue to meet certification requirements.

Manufacturers and manufacturing enterprises shall establish a product sales flow registration system, to truthfully record the product name, batch, specification, quantity, sales destination, etc.

body shall clarify the specific requirements for the selection of supervision method in the implementation detailed-rules. CLIENT, manufacturer, and manufacturing enterprise shall cooperate.

7.1 After-certification follow-up inspection

7.1.1 Principles for after-certification follow-up inspection

Based on manufacturing enterprise classification management, certification body shall implement the effective follow-up inspection to the certified product and manufacturing enterprise; to validate the quality assurance and product conformity control capabilities of the manufacturing enterprise; to ensure that the certified products are in accordance with standards' requirements; and maintain the conformity with type test samples.

When the after-certification follow-up inspection shall be conducted during the normal production of manufacturing enterprise, priority is given to the method of not notifying the inspected party in advance. For those products that are not continuously manufactured, CLIENT shall actively provide the relevant production plan to certification body, so that the after-certification follow-up inspection can be conducted in an effective way.

The after-certification follow-up inspection shall be carried out by factory inspectors. It can be carried out by means of on-site inspection of manufacturing enterprise.

7.1.2 Content of after-certification follow-up inspection

In accordance with the certification rules and the requirements of the standards, in the certification implementation detailed-rules, the certification body shall specify the follow-up inspection content on whether the product continues to comply with the compulsory product certification quality assurance capability and product conformity requirements.

7.1.3 Time of after-certification follow-up inspection

The certification body shall, on the basis of the classified management of manufacturing enterprise, reasonably determine the follow-up inspection time. It shall be specified in the implementation detailed-rules by the certification body.

7.2 Production or port on-site sampling test or inspection

7.2.1 Principles for production or port on-site sampling test or inspection

Production or port on-site sampling test or inspection shall cover certified products.

7.2.2 Content of production or port on-site sampling test or inspection

Production or port on-site sampling test: The test of the applicable items of certification basis-standards implemented by the laboratory on samples, after sampling at the production or port site, in accordance with the requirements of the certification rules, standards and certification implementation detailed-rules.

Production or port on-site sampling inspection: The sampling and inspection of certified products at the production or port site by the certification body, in accordance with the requirements of the certification rules, standards and certification implementation detailed-rules.

In the certification implementation detailed-rules, the certification body shall formulate specific requirements for production or port on-site sampling test or inspection.

7.2.3 Other

When implementing production on-site sampling test, if the manufacturing enterprise has the testing conditions required by “China Compulsory Certification Implementation Rules - Utilization of Manufacturing Enterprise Testing Resource and Other Certification Results” and by certification standards; then certification body can use the testing resources of the manufacturing enterprise to conduct the test (or witness test) and acknowledge the relevant results. If the manufacturing enterprise does not have the above testing conditions, samples shall be sent to the laboratory for testing. In the certification implementation detailed-rules, the certification body shall clarify the specific requirements and procedures for the sampling test using the testing resources of manufacturing enterprise.

7.3 On-site sampling test or inspection

7.3.1 Principles for on-site sampling test or inspection

The on-site sampling test or inspection shall cover the category of the certified product. CLIENT, manufacturer, and manufacturing enterprise shall cooperate and confirm the samples taken from the site.

7.3.2 Content of on-site sampling test or inspection

On-site sampling test: The test of the applicable items of certification basis-standards implemented by the laboratory on the samples, after on-site sampling, in accordance with the requirements of the certification rules, standards and certification implementation detailed-rules.

On-site sampling inspection: The inspection of certified products at the site by the certification body, in accordance with the requirements of the certification rules, standards and certification implementation detailed-rules.

In the certification implementation detailed-rules, the certification body shall formulate specific requirements for on-site sampling test or inspection.

7.4 Frequency and time of after-certification supervision

Based on manufacturing enterprise classification management, certification body shall adopt different frequencies and methods of after-certification supervision to different types of manufacturing enterprise. The supervision time shall be made in a reasonable way. The relevant requirements are stipulated by the certification body in the certification

If the content of the certificate is marked on the certified product and its sales package, it shall be consistent with the content of the certificate. The change of certificate information shall indicate the number of changes.

8.3 Change of certificate

After obtaining the certificate, when the content on the certificate changes; or the certified product has technical changes (design, structural parameters, key components/raw materials, etc.) that affect the compliance of the relevant standards; or the factory changes the production conditions, etc., which may affect the production conformity; or other matters specified by the certification body in the certification implementation detailed-rules are changed; or CLIENT requires to extend the scope of product that is covered by the certificate obtained; CLIENT shall submit a request for change to the certification body.

Under the premise of controlling risks, the certification body shall actively adopt methods such as “certification before inspection” to confirm changes. When necessary, the certification body may carry out inspections or tests on the change content. Only approved by the certification body can it be changed. The specific requirements are stipulated by the certification body in the certification implementation detailed-rules.

8.4 Certificate’s cancellation, suspension and withdrawal

The suspension, cancellation and withdrawal of certificates shall be implemented in accordance with “China Compulsory Certification Management Method”, “Compulsory product certificate cancellation, suspension and withdrawal implementation rules”, and relevant regulations of certification body. Certification body shall determine the classification and scope of the product that does not comply with the certification requirements; and adopt appropriate way to announce information of the certificate which is cancelled, suspended, or withdrawn.

8.5 Use of certificate

Use of the certificate shall comply with the requirements of “China Compulsory Certification Management Method”.

9 Certification mark

The management and use of certification marks shall comply with the provisions of “China Compulsory Certification Mark Management Requirements”.

10 Product specification and certificate of conformity

The product specification and certificate of conformity issued by manufacturer and manufacturing enterprise to the society shall meet the relevant requirements of relevant certification standards; and truly reflect the safety requirements, use requirements of the

product, and the conformity of product quality with the certification standards. The parameter content of the product conformity certificate shall be consistent with the certification certificate.

11 Charges

The certification body shall specify the charging items, charging standards, charging time limit and related requirements in the implementation detailed-rules; and shall publicize them to the society. The certification body shall agree on the charging matters with CLIENT in the form of a service contract.

If the certification charge is collected by the laboratory itself in accordance with relevant regulations, its charging items, charging standards, charging time limit and related requirements shall be publicized to the public. Relevant organizations shall jointly agree on charging matters with CLIENT in the form of service contracts.

12 Certification responsibility

The certification body shall be responsible for the certification conclusion.

The laboratory shall be responsible for the authenticity of the test samples and for the inspection results and inspection reports.

The certification body and the factory inspector shall be responsible for the factory inspection conclusions.

CLIENT shall be responsible for the authenticity and legality of the materials and samples submitted by it.

13 Certification implementation detailed-rules

According to the principle and requirements of this Implementation Rules, certification body shall formulate scientific, reasonable and feasible certification implementation detailed-rules. Certification implementation detailed-rules shall be publicly announced and implemented, after filed to CNCA. Certification implementation detailed-rules shall at least include the following contents:

- (1) Selection of certification mode and related requirements;
- (2) Certification unit division, certification process and time limit requirements;
- (3) Classification management requirements of manufacturing enterprises;
- (4) Sample testing requirements and time limit requirements;

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