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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 22696.3-2008

Electrical equipment safety - Risk assessment and risk reduction - Part 3: Example of hazards, hazardous situations and hazardous events

电气设备的安全 风险评估和风险降低 第3部分：危险、危险处境和危险事件的示例

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Foreword

GB/T 22696 "security risk assessment and risk reduction in electrical equipment" is divided into three parts.

--- Part 1. General;

--- Part 2. Risk analysis and risk assessment;

--- Part 3. dangerous, dangerous situations and examples of hazardous events. This part of GB/T 22696 Part 3. This standard is intended to provide all technical committees of professional safety standards for all types of electrical equipment used in order to help standardize professional products Applications technical committee ISO /IEC Guide 50, 51 and 71, and the program is to reduce systematic risk assessment and give practical guidance. Before the development of relevant standards in safety requirements, professional products Standardization Technical Committee has responsibility for the product considering all relevant With the implementation of this standard hazard risk assessment system. No risk assessment in product-related standards under the provisions of the manufacturer decides not to use or other relevant standards, this standard can be Manufacturers design products applied. This section based on GB/T 22696.1 and the relevant principles GB/T 22696.2, the electrical equipment for the identification of hazardous actual operation As recommended for the relevant processes or steps specific methods of operation, and include the risk of dangerous situations and examples of hazardous events, for electrical equipment Designers, technicians or safety standards expert reference. This part of the National Electrical Safety Standardization Technical Committee (SAC/TC25) and focal points. This part mainly drafted by: Shanghai Electric Tool Research Institute, Beijing Electrical Machinery Industry Technical and Economic Research Institute, Shanghai Electrical Apparatus Research Institute The study (Group) Co., Ltd. The main drafters of this section. Libang Association, Li Feng, Ji Yu Hui, Liu Jiang, leather bag, Zhang Liang, He was the husband, Chen Kaitai, Yan had hung. This section first release. Security risk assessment and risk reduction in electrical equipment Part 3. dangerous,

dangerous situation and Example hazardous event

1 Scope

GB/T 22696.3-2008 is the Chinese national standard on electrical equipment safety - risk assessment and risk reduction - part 3: example of hazards, hazardous situations and hazardous events, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 29.020, CCS K09. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

1.1 section gives a basis GB/T 22696.1-2008 electrical equipment risk assessment, hazard identification of the relevant actual operation Specific methods of operation as recommended for the relevant processes and procedures, and gives an assessment of the relevant examples.

1.2 part desired by the user is on the safety of electrical equipment into the design, manufacture, installation, maintenance, or improvement of designers, technical Or security standards experts. In addition to section

1.3 applies to the design stage, the process of manufacture and commissioning of security risk assessment, but also for the technology of electrical equipment Surgery performed to improve security risk assessment, or evaluation of existing electrical equipment, as well as at any time, including in the event of an accident or malfunction The hazard identification.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part of the

GB/T 22696 of. 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 reference documents, the latest versions apply to this section. Security risk assessment and risk reduction

GB/T 22696.1-2008 Electrical Equipment Part 1. General

GB/T 22696.2-2008 security risk assessment and risk reduction in electrical equipment -

Part 2. Risk analysis and risk assessment

3 Terms and Definitions

GB/T 22696.1-2008 and established the following terms and definitions apply to this part of the GB/T 22696 of.

3.1 Provide integrated manufacturing systems (IMS) or part of the associated physical device or service the system, such as designers, manufacturers, bearing Contractors, installers, integrators and so on.

4.3.2 Recommended hazard identification methods and tools used

4.3.4 induction Electrical equipment hazards inventory and classification, the use of text, tables to represent.

4.2 by using the form of hazard identification Using GB/T 22696.2-2008

4.3.4 inductive electrical equipment inventory and classification of hazards can not be considered comprehensive and exhaustive But it can be dangerous as a starting point for identifying relevant. Therefore, to ensure a more comprehensive hazard identification, should give further consideration to other resources, such as law Regulations, standards, engineering knowledge. Electrical equipment due to its function, purpose and structure of each are not identical, there are not necessarily listed in GB/T 22696.2-2008

4.3.4 of Hazard, therefore, identify the hazards of different types of electrical equipment for specific analysis should be. Identification of hazards of electrical equipment, with the development of science and technology, improve the cognitive level, rich practical experience, the ability to identify the level of