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

GB/T 29289-2012

**Design rules for consumer products safety
(English Translation)**

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Foreword

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

The Consumer Product Safety standard by the National Standardization Technical Committee (SAC/TC508) and focal points.

This standard is mainly drafted by. China National Institute of Standardization, Mechanical Science Research Institute, China Packaging and Food Machinery Corporation, China Power Industrial Association, China University of Geosciences (Beijing).

Introduction

Consumer product safety related to the health and property safety of consumers. Means for controlling the risk of having a lot of consumer product safety, consumer goods Security design is the most important step. The introduction of risk assessment in the design phase of consumer goods is to eliminate or reduce the risk of the Consumer Product Safety the most direct and effective measures.

The main purpose of this standard is to provide a general idea of \u200b\u200bsafe design and universal design principles for the consumer product design staff.

Consumer Product Safety Design Principles

1 Scope

This standard specifies the design of the Consumer Product Safety General information identification, intended use analysis, risk assessment and safety design.

This standard applies to all types of consumer product safety design.

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/T 15706.2-2007 Safety of machinery - Basic concepts, general principles for design - Part 2. Technical principles
GB/T 22760-2008 General Consumer Product Safety Risk Assessment
GB/T 25295-2010 electrical equipment safety design guidelines

3 Terms and Definitions

The following terms and definitions apply to this document.

Consumer consumerproducts to meet the needs of members of society life products sold.

[GB/T 22760-2008, Definition 2.1] 3.2 Intended use According to information provided by the supplier, the use of the product, process or service.

[GB/T 20000.4-2003, the definition 3.13] 3.3 Reasonably foreseeable misuse Failure to supply a predetermined side of the use of the product, process or service, but this is very easy to foresee the result of human activities caused.

[GB/T 20000.4-2003, the definition 3.14] 3.4 Hazard Potentially root cause injury.

[GB/T 22760-2008, the definition 2.3] 3.5 Injury Human health, property or environmental damage.

Note: adapted from GB/T 20000.4-2003, definitions 3.3.