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

中华人民共和国国家标准

GB 10409-2001

Burglary resistant safes

防盗保险柜

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and Quarantine of the People's Republic of China**

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Foreword

All the technical contents in this Standard are mandatory.

This Standard is the amendment of GB 10409-1989.

This Standard no longer specify that the burglary resistant safes must be installed with warning unit; Classify the safety performance of the burglary resistant safes, rather than classification of qualified product, first-class products and superior products; Detailed and supplemented the contents of the technical requirements and test methods specified in the previous standard, Such as: Class A products in the previous standard were subdivided into Class A1, and A2; Class B products were subdivided into Class B1, B2 and B3;Respectively stipulated the gaps between cabinet door and door frame according to the height of cabinet; For the coded number of the electronic combination locks, added the requirements of “arbitrarily-variable code” and “anti-electromagnetic interference” and test methods. Added “Inspection Item Table”, etc.;

This Standard will replace GB 10409-1989 from its implementation date.

This Standard is proposed by the Ministry of Public Security of the People’s Republic of China.

This standard is under the jurisdiction of Standardization Technical Committee for Security & Protection Alarm Systems of China.

This Standard is jointly drafted by Shanghai Diebold King Safe Co., Ltd, Product Quality Supervision, Inspection and Test Center for Security & Protection Alarm Systems of Ministry of Public Security and China Security & Protection Product Industry Association Secretariat.

The main drafters of this Standard: Xu Zhiwei, Mou Xiaosheng, Jiang Changhong, Lu Zhongfa and Gu Juxing.

This Standard was first published in 1989.

National Standard of the People's Republic of China**Burglary resistant safes**

GB 10409-2001

Replaces GB 10409-1989

1 Scope

This Standard specifies classification, technical requirements, test methods inspection rules and marks, packaging, transportation, storage of burglary resistant safes.

This Standard applies to the production and inspection of burglary resistant safes. It also applies to the burglary resistant safes attached with alarm, fire protection, remote control and other functions.

2 Normative references

The articles contained in the following documents have become this Standard when they are quoted herein. For the dated documents so quoted, all the modifications or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 1720-1979 Method of test for adhesion of paint films

GB/T 6461-1986 Metallic coatings--Coatings cathodic to the substrate--Rating of electro-plated test specimens subjected to corrosion tests

GB/T 10125-1997 Corrosion tests in artificial atmospheres-Salt spray tests

GB/T 12335-1990 Metallic coatings-Coatings anodic to the substrate-Rating of test specimens subjected to corrosion

GB/T 15211-1994 Environmental testing for alarm systems

GB/T 15482-1995 Single sampling procedures and tables for product quality audit of small population by attributes

GB/T 17626.2-1998 Electromagnetic compatibility--Testing and measurement techniques-- Electrostatic discharge immunity test

GB/T 17626.3-1998 Electromagnetic compatibility--Testing and measurement techniques-- Radiated, radio-frequency, electromagnetic field immunity test

GB/T 17626.4-1998 Electromagnetic compatibility-- Testing and measurement techniques --Electrical fast transient/burst immunity test

GB/T 17626.5-1999 Electromagnetic compatibility--Testing and measurement techniques--Surge immunity test

GB/T 17626.11-1999 Electromagnetic compatibility Testing and measurement techniques Voltage dips, short interruptions and voltage variations immunity tests

GA/T 73-1994 Thief resistant machine locks

3 Definitions

For the purpose of this standard, the following terms and definitions shall apply.

3.1 Burglary resistant safes

It refers to a kind of safe equipped with mechanical and electronic locks (including combination locks, IC card locks, etc.) which can be used to resist abnormal entry under specified conditions within the required time.

3.2 Safety class

Classification for destruction resistant capacity of burglary resistant safes; Classification based on the net working time for the weakest links of the burglary resistant safes to resist abnormal entry under the action of the specified destroying tools.

3.3 Entry

During the destruction resistant test, open the cabinet door of various burglary resistant safes or make an opening not smaller than the specified area on the cabinet door or body within the specified net working time. Class A burglary resistant safes of 38cm², Class B and Class C burglary resistant safes of 13cm².

3.4 Common hand tools

Including the chisel, punch, wedge, screwdriver, hacksaw, wrench, pliers, hammer with the weight of not more than 3.6kg, the prying tools with the length of not more than 1.5m and general digging tools.

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