ICS 29.220.01
CCS K84

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 12725-2011

Replacing GB 12725-1991

General specification for alkaline nickel-iron rechargeable batteries

碱性铁镍蓄电池通用规范

Issued on: December 30, 2011 **Implemented on: July 1, 2012**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 12725-1991 "nickel-iron alkaline battery master specification." This standard compared with GB/T 12725-1991, the main changes are as follows:

--- Standard name to "iron-nickel alkaline batteries universal norms";

--- Inspection rules will modify the quality assessment procedures to identify the test (this standard 6.2) and quality conformance inspection (this standard 6.3) instead of the delivery inspection (GB 12725-1991 6.2) and routine tests (GB 12725-1991 6.3);

--- Modify the requirements and test methods for battery capacity test (this standard

4.5 and 5.7, GB 12725-1991

--- Modify the battery storage performance test methods (this standard 5.10, GB 12725-1991 5.12). The standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This standard by the National Standardization Technical Committee alkaline batteries (SAC/TC77) centralized. This standard was drafted. state seventy-five Wuchang. The main drafters of this standard. Mupei Zhen, Wang Li, Yang Zhongxiang, Chuan-Hao, Gao Hong, Wangqing Mei, Duan Wan Li. This standard replaces the standards previously issued as follows:

--- GB/T 12725-1991. General specification for alkaline iron-nickel

1 Scope

GB/T 12725-2011 is the Chinese national standard on general specification for alkaline nickel-iron rechargeable batteries, 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 30 December 2011 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 July 2012.

Classification: ICS 29.220.01, CCS K84. 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.

This standard specifies the basic nickel-iron battery technology requirements, test methods, quality assessment procedures, marking, packaging, transportation and storage. This standard applies to nominal voltage of 1.2V alkaline iron-nickel (hereinafter referred to as a battery).

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 191 Packaging - Pictorial signs

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample plan

GB/T 2829-2002 periodic inspection Sampling procedures and tables (suitable for process stability test)

GB/T 7169 alkaline battery type designation

3 Model designation

Battery model name should be consistent with the provisions of GB/T 7169's.

4 Requirements

4.1 Design and Structure Battery shell is made of steel or made of plastic. Steel housing and all metal parts of the external battery should be nickel or rust through, Embalmed.

4.2 look and logo The battery surface should be smooth, no cracks, scratches, defects or deformation and other defects. Extreme battery should be no rust through of Inclusions Or poor welding. Each battery should have the following signs.

b) the rated capacity;

c) the nominal voltage;

e) manufacturer's name, address;

f) production date or code;

g) implementation of the standard number. Signs should be complete, clear and accurate

content.