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

GB/T 22774-2008

Mechanical alarm clocks

机械闹钟

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Foreword

This standard was developed on the basis of "mechanical clock" original light industry standard QB/T 1535-1992 on. The standard proposed by China National Light Industry Council. This standard by the National Standardization Technical Committee of the watch. This standard was drafted. Watch Co., Ltd. Shandong Compas, Institute of Light Industry watch. The main drafters of this standard. Sun Gang, where the light first, according to Tian Ke, Kim Young-sook. From the date of implementation of this standard, the original light industry standard QB/T 1535-1992 "mechanical clock" automatically expires. Mechanical alarm clock

1 Scope

GB/T 22774-2008 is the Chinese national standard on mechanical alarm clocks, in the field of precision mechanics and jewellery. 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 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 September 2009. Classification: ICS 39.040.20, CCS Y11. 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 mechanical alarm clock (hereinafter referred to as alarm clock) product classification, technical requirements, test methods, inspection rules and signs, packaging, Transportation and storage. This standard applies to spring for the power source and can be issued at a predetermined time alarm clock with a mechanical balance spring oscillating system. machine Mechanical alarm movement also refer to use.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1.1991, IDT)

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

GB/T 9820 Timing Basis terms of science and technology defined (GB/T 9820-1988, eqv ISO 6426-1. 1982)

GB/T 14256 Timing academic language with the second part of the definition of commercial technologies (GB/T 14256-1993, idt

ISO 6426-2. 1984) QB/T 2268 Appearance finishing timing devices General technical requirements bell metal exterior paint pieces QB/T 2406 mechanical calendar clock mechanism

3 Terms and Definitions

Terms and definitions GB/T 9820 and GB/T 14256 in established apply to this standard.

4 Products

Alarm clock escapement into its Precision (fork watts type) and ordinary type (pin type).

5.1 Reliability

5.1.1 Alarm clock movement and housing should be fixed and reliable, are not allowed in the machine parts are missing and damage.

5.1.2 under normal conditions of use, the alarm within the period specified in Table 1 of the article should not stop and go, and take the real error should not exceed $\pm 45\text{min/d}$.

5.1.3 under normal use conditions, once a wound, double barrel clockwork alarm clock alarm should relax in after 12h; single-winding alarm limit alarm mechanism It should displacement.

5.2 Operating Temperature Alarm at ambient temperature $5\text{ }^{\circ}\text{C} \sim 40\text{ }^{\circ}\text{C}$ range, by adjusting the speed of the needle should be able to work properly; not at $-5\text{ }^{\circ}\text{C} \sim 50\text{ }^{\circ}\text{C}$ when Shut down.

5.3 Quality travel time Alarm in the normal operating position, a walk on the tight, winding downtown, according to the different types, grades, in fact, take the difference between the day, the cumulative error and should continue to go Comply with the requirements of Table 1.

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