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

GB/T 6044-2025

Replacing GB/T 6044-2016

Analogue quartz watches

指针式石英手表

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 6044-2016 "Analog Quartz Watches". Compared with GB/T 6044-2016, the only changes are structural adjustments and editing. Aside from the sexual alterations, the main technical changes are as follows:

a) The requirements and test methods for "average instantaneous daily deviation m" have been changed, and the requirements and test methods for "average actual daily deviation M" have been deleted. (See

4.3 and 5.5, 2016 editions of

- b) The requirements for "temperature coefficients Ct1 and Ct2" have been changed (see Table 1,.2016 version of Table 1);
- c) The requirements and test methods for "Reliability in Use" have been changed (see 4.9.2, 5.11.2, and 4.9.2, 4.9.3, and 5.11.2 in the.2016 version). 5.11.3);
- d) The requirements for "Moisture Resistance (RH)" have been changed (see 4.10, Table 1; 4.10 and Table 1 in the.2016 edition);
- e) The requirements for "vibration resistance" have been changed (see 4.11,.2016 version 4.11);
- f) The requirements and test methods for "waterproofing or sealing performance" have been changed (see 4.13, 5.15, and 5.16 in the.2016 edition);
- g) The requirements and test methods for "seismic performance" have been changed (see 4.14, 5.16, and 5.15 in the.2016 edition);

1 Scope

GB/T 6044-2025 is the Chinese national standard covering the quartz watch with hands - the daily rate and its variation with temperature, the battery life, the water resistance and the shock and magnetic resistance, and the grades a watch is sold under. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 6044-2016.

This document specifies the technical requirements, inspection rules, marking, packaging, transportation, and storage of analog quartz watches (hereinafter referred to as "watches"). The corresponding experimental methods are described. This document applies to the design, production, inspection, and sale of watches with quartz resonators and a nominal operating voltage of DC 1.50V. He uses this information for reference in the design, production, inspection, and sale of watches, watch movements, and other timekeeping devices using such movements with nominal voltage values.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2828.1 Sampling Procedures for Inspection by Attributes - Part

1. Sampling Schemes Retrieved by Acceptable Quality Limit (AQL) for Lot-by-Lot Inspection

GB/T 2829 Periodic inspection sampling procedures and tables (applicable to the inspection of process stability)

GB/T 9820.2 Timing Terminology Part

3 Terms and Definitions

The terms and definitions defined in GB/T 9820.2 apply to this document.

4 Technical Requirements

4.1 Operating Temperature The watch should not stop running in a temperature range of -5°C to 50°C.

4.2 Voltage Range The watch should not stop running when the power supply voltage is between DC 1.55V and DC 1.25V.