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

GB/T 13336-2019

Replacing GB/T 13336-2007

The series model of hydrometrical instruments

水文仪器系列型谱

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 13336-2007 "Hydrological instrument series spectrum", compared with GB/T 13336-2007, except editorial modification In addition, the main technical content changes are as follows:

--- Removed the terms and definitions of "airfoil lead fish" and "elliptical line type lead fish" (see 3.1,

3.2 of.2007 edition);

--- In the "rain gauge" classification in the "precipitation measuring instrument", the "float type" was deleted, and the "volume type" was added;

- Added three levels of classification and related content of "water sampling and monitoring instruments";
- In the "Automatic Monitoring System Equipment" category, the "soil moisture (sentiment) automatic monitoring system equipment" was deleted, and the "pump gate station" was added. Automatic monitoring system equipment";
- Added "cable control device" to the classification of "hydrological test equipment";
- Removed "Other" (see Chapter 4 of the.2007 edition);
- Added "hydrological mobile monitoring equipment". This standard is proposed and managed by the Ministry of Water Resources of the People's Republic of China. This standard was drafted. Hydrological Instruments and Geotechnical Instruments Quality Supervision, Inspection and Testing Center of the Ministry of Water Resources, Nanjing Water Conservancy and Hydrology Institute of Dynamic Research, Jiangsu Nanshui Technology Co., Ltd. The main drafters of this standard. Ding Qiang, Xu Haifeng, Yao Gang, Wu Yi, Shi Zhanhong, Deng Chao, Yang Dongli, Wang Meiling, Zhao Deyou. The previous versions of the standards replaced by this standard are.
- GB/T 13336-1991, GB/T 13336-2007. Hydrological instrument series

1 Scope

GB/T 13336-2019 is the Chinese national standard on the series model of hydrometrical instruments, in the field of natural and applied sciences. 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 4 June 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2020. Classification: ICS 07.060, CCS N93. 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 classification, structural type, main parameter series division and other spectral characteristics of hydrological instrument products. This standard applies to scientific research related to various types of hydrological instrument products used in water conservancy, hydrology, meteorology, marine, environmental protection, agriculture and forestry industries. Design, manufacturing, test and test, etc., also apply to guide the preparation of standard planning and product technical conditions for hydrological instrument products.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 19677 hydrological instrument terminology and symbols

GB/T 27991 River sediment test and basic technical conditions of particle analysis instruments

GB/T 50095 basic hydrological terminology and symbol standard SL/T 151 hydrological winch

ISO 4364.1997 Open channel flow measurement for bed sampling
(Measurement of liquid flow in open channels-Bed Materials sampling)

3 Terms and definitions

The terms and definitions defined in GB/T 19677 and GB/T 50095 apply to this document.

4 Classification

The product classification of hydrological instruments is shown in Table 1. Table

1 Classification of hydrological instruments Primary classification, secondary classification, tertiary classification Water level measuring instrument Float level gauge Coded Analog Pressure level gauge Input type Bubble Electronic water gauge Contact type Magnetostrictive Ultrasonic water level gauge Liquid medium Air medium Radar (microwave) water level gauge