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

GB/T 11828.3-2012

**Instruments for stage measurement -- Part 3: Groundwater
stage gauge**

(English Translation)

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Foreword

GB/T 11828 "water level measuring instrument" is divided into seven parts.

- Part 1. float-type water level gauge;
- Part 2. Pressurized water level gauge;
- Part 3. groundwater level meter;
- Part 4. Ultrasonic water level gauge;
- Part 5. Electronic water gauge;
- Part 6. Remote measuring water level;
- Part 7. Level stylus.

This is Part 3 GB/T 11828 in.

Rules in this section in accordance with GB/T 1.1-2009 given draft.

This part of GB/T 19677-2005 "term hydrological instruments and symbols" and other standards consistent with each other on the technical content.

This section proposed by the People's Republic of China Ministry of Water Resources.

This part of the National Technical Committee of Standardization Technical Committee hydrological instruments (SAC/TC119/SC1) centralized.

This section is responsible for drafting unit. MWR hydrological instruments and geotechnical engineering Instrument Quality Supervision, Inspection and Testing Center, Ministry of Water Resources Nanjing Hydraulic water Wen Institute of Automation, Ningbo Beilun Cup

China Hydraulic Equipment Co., Hydrology Bureau of the Yellow River Conservancy Commission.

Participated in the drafting of this section. the country's industrial production permit office hydrological instruments and geotechnical engineering Instrument Examination Department.

1 Scope

This section GB/T 11828 meter water table specifies the product classifications, technical requirements, test methods, inspection rules, marks, use Brochures, packaging, transportation and storage requirements.

This section applies to hanging hammer, tracking, float, pressure and other types of groundwater level meter.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 9359-2001 hydrological instruments environmental testing conditions and methods
GB/T 9969 General Industrial Product Manual GB/T 13384 mechanical and electrical products packaging General technical conditions GB/T 18185-2000 technical requirements for the reliability of hydrological instruments GB/T 19677-2005 Terms and symbols for hydrological Instruments

3 Terms and Definitions

GB/T 19677-2005 defined and the following terms and definitions apply to this document.

Groundwater level meter groundwaterstagegauge Measurement observation well (hole) in the groundwater level change instruments.

Depth burieddepth

Observation wells (holes) fixed point on the ground to the mouth of the natural vertical distance from the free surface of groundwater.

4.1 Classification by measuring principle

Groundwater level meter measuring principle can be divided according to type netsuke, tracking, float, pressure and the like.

4.2 Classification by recording mode

Groundwater level meter according to the recording mode into manual recording, graphic recording, digital storage, comprehensive records.

5.1 Operating Environment

Groundwater level meter should be able to work properly in the following environments.