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

GB/T 11828.6-2008

**Instruments for stage measurement - Part 6: Remote measuring
stage gauge**

水位测量仪器 第6部分：遥测水位计

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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. water gauge electronic code;
- Part 6. Remote measuring water level;
- Part 7. Level stylus. This section GB/T 11828 Part 6. The rest of this section and GB/T 11828.1-2000 etc., SL/T 243-1999 "Water level general technical conditions" and other coordination Consistent. 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 Instruments Hydrology Hydrology focal point. This part mainly drafted by: MWR hydrological instruments and geotechnical engineering Instrument Quality Supervision and Testing Center, Nanjing Auto Hydrological The Institute, Taiyuan University of Technology Tiancheng Technology Co., Ltd. The main drafters of this section. Mr Namin, Wei Lin, He Xiaogang, Wu Shen, Dong Xiuying. Level Measuring Instruments Part 6. Water level telemetry

1 Scope

GB/T 11828.6-2008 is the Chinese national standard on instruments for stage measurement - part 6: remote measuring stage gauge, in the field of metrology and measurement. 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 9 April 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 July 2008. Classification: ICS 17.120, CCS N12. 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 section GB/T 11828 specifies the telemetry level indicator of product classifications, requirements, test methods, inspection rules and signs, packaging, transportation Transport, storage and operation manual. This section applies to the measurement of rivers, lakes, open channels, reservoirs and other natural water level gauge water level telemetry (hereinafter referred to as water gauge). This section does not apply to automatic hydrological forecasting system (hereinafter referred to as system) telemetry terminal.

2 Normative references

The following documents contain provisions which, through reference

GB/T 11828 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 9359-2001 hydrological instruments environmental testing conditions and methods

GB/T 11828.1-2002 level measuring instruments - Part 1. float-type water level gauge

GB/T 18185-2000 hydrological instruments reliability technical requirements

GB/T 18522.2-2002 hydrologic instruments - Part 2. Reference Operating Conditions

GB/T 18522.6 hydrologic instruments - Part 6. inspection rules and signs, packaging, transportation, storage and operation manual

GB 18523-2001 hydrologic instrument safety requirements

GB/T 19677-2005 Terms and symbols for hydrological Instruments

GB/T 50095-1998 standard hydrological basic terminology and symbols SL61-2003

hydrological automatic forecasting system technical specifications SL/T 180-1996

hydrological automatic monitoring system terminal equipment Telemetry SL/T 184-1997

ultrasonic water level gauge SL/T 243-1999 General technical level indicator

3 Terms and Definitions

GB/T 50095-1998, GB/T 19677-2005, SL/T 180-1996 established the following terms and definitions apply GB/T 11828 in this section.

3.1 By wire or wireless means, away from the water level data to the display at the

observation site, recorded water level measurement. Telemetry Level Meter typically includes a sensor, a transmission member, the recorder display.

3.2 The display signal from the sensor to the logger or telemetry wired transmission distance between the terminals.

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