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

CJ/T 503-2016

Diaphragm gas meter with wireless remote-reading

无线远传膜式燃气表

(English Translation)

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Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and definitions
4 Model
5 Requirements
6 Test method
7 Inspection rules
8 Logo, packaging, transportation and storage
Appendix A (Normative) Micro-power wireless GFSK modulation
Appendix B (Normative) Micropower wireless spread spectrum communication
Appendix C (Normative) Wireless Public Communications Network

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Gas Standardization Technical Committee centralized.

This standard was drafted. Xintian Science and Technology Co., Ltd., Henan Institute of Metrology, Shenyang Aerospace Star Instrument Co., Ltd.

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1 Scope

This standard specifies the terms and definitions wireless remote membrane gas meter (hereinafter referred to as gas meter), type, requirements, test methods, test rules Then, mark, package, transport and store.

This standard applies to the maximum working pressure does not exceed 10kPa, the maximum flow does not exceed 10m³/h, the minimum working temperature range-10 °C ~ 40 °C, gas meter with built-in valve design, production, testing and acceptance.

2 Normative references

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

GB/T 191 Packaging - Pictorial signs GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Low temperature GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. high temperature GB/T 2423.3 Environmental testing for electric and electronic products Part 2. Test methods Test Cab. constant hot and humid method GB/T 2423.17 Environmental testing for electric and electronic products Part 2. Test methods Test Ka. salt spray GB/T 2829 cycle test count sampling procedures and tables (for the stability of the test process) GB 4208 enclosure protection (IP code) Membrane gas meter GB/T 6968-2011 GB/T 17626.2 Electromagnetic compatibility test and measurement techniques Electrostatic discharge immunity test GB/T 17626.3 Electromagnetic compatibility testing and measurement techniques RF electromagnetic field immunity test JG/T 162 residential remote meter reading system

3 Terms and definitions

GB/T 6968-2011 defined and the following terms and definitions apply to this document.

Wireless remote membrane gas meter diaphragmgasmeterwithwirelessremote-reading Microprocessor and wireless communication chip as the core, with a built-in valve and wireless data exchange with external devices for the film Gas meter.

4.1 Compilation

Gas Meter Model preparation method.