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

GB/T 26334-2023

Replacing GB/T 26334-2010

Fittings for installation of gas meters

燃气表安装配件

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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 26334-2010 "Diaphragm Gas Meter Installation Accessories": Compared with GB/T 26334-2010, except for structural adjustments In addition to editorial changes, the main technical changes are as follows:

- a) The scope of application of this document has been changed (see Chapter 1);
- b) Supplemented and improved some terms and definitions (see Chapter 3);
- c) Added product classification (see Chapter 4);
- d) Added stainless steel material and changed the material requirements for gaskets (see 5:1, Appendix A, Chapter 4 of the:2010 edition);
- e) Added description about the interface (see 5:2);
- f) Added the content of anti-tamper function (see 5:3);
- g) The dimensions and specifications of the installation accessories have been changed (see 6:1:1, Appendix B, Appendix C, 5:1:1, Appendix A, Appendix B of the:2010 edition);
- h) Delete the torque requirements for pipe joints (see 5:4 of the:2010 edition);
- i) Increased nut strength requirements (see 6:4);
- j) Added requirements for low-pressure leakage rate of gaskets (see 6:6): Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by China

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---First published in: 2010 as GB/T 26334-2010 "Diaphragm Gas Meter Installation Accessories";

---This is the first revision: Gas meter installation accessories

1 Scope

GB/T 26334-2023 is the Chinese national standard on fittings for installation of gas meters, in the field of petroleum and related technologies. 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 27 November 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 June 2024. Classification: ICS 75.180.30, CCS Q82. 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 document specifies the installation accessories (hereinafter referred to as installation accessories) of gas meters such as diaphragm gas meters, ultrasonic gas meters, and

thermal mass gas meters: The classification, design and structure, technical requirements, inspection rules, marking, packaging, transportation and storage requirements, and the corresponding test methods are described: This document applies to the design, manufacture and inspection of gas meter installation accessories with a maximum working pressure not exceeding 0.1MPa:

Note: Unless otherwise stated, the pressures mentioned in this document refer to relative atmospheric pressure (gauge pressure):

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 196 Basic dimensions of ordinary threads

GB/T 197 Ordinary thread tolerances

GB/T 528 Determination of tensile stress and strain properties of vulcanized rubber or thermoplastic rubber GB/T 531:

2 Test method for indentation hardness of vulcanized rubber or thermoplastic rubber Part 2: Portable rubber international hardness tester method

GB/T 1690 Test method for liquid resistance of vulcanized rubber or thermoplastic rubber

GB/T 1804-2000 General tolerances Tolerances for linear and angular dimensions without tolerances noted

GB/T 1958 Product Geometric Specification (GPS) Geometric Tolerance Detection and Verification

GB/T 2828:1-2012 Enumeration sampling inspection procedures Part 1: Batch-by-batch inspection sampling retrieved by acceptance quality limit (AQL) plan

GB/T 3512 Hot air accelerated aging and heat resistance test of vulcanized rubber or thermoplastic rubber

GB/T 6031 Determination of hardness of vulcanized rubber or thermoplastic rubber (10IRHD~100IRHD)

GB/T 7306:1 55° sealed pipe threads Part 1: Cylindrical internal threads and conical external threads

GB/T 7307 55° non-sealed pipe thread

GB/T 7759 (all parts) Determination of compression set of vulcanized rubber or thermoplastic rubber

3 Terms and definitions

The following terms and definitions apply to this document:

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