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

GB/T 17745-2011

Replacing GB/T 17745-1999

**Petroleum and natural gas industries -- Care and use of casting
and tubing**

石油天然气工业 套管和油管的维护与使用

(English Translation)

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Foreword

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

This standard replaces GB/T 17745-1999 "oil and gas industry of casing and tubing maintenance and use." this standard compared with GB/T 17745-1999, the main technical changes are as follows.

- Revised its data;
- Increased failure reports on failures of casing and tubing to give the;
- Increased prone gluing of duplex stainless steel, nickel-based stainless steel casing and tubing material type;
- Clear requirements for loading and unloading;
- Amended some of the terms.

This standard uses the translation method identical with ISO 10405:2000 "oil and gas industry of casing and tubing maintenance and use." the international standard references, have all been converted to our standards, in order to facilitate foreign exchange, but also marked the corresponding international Standard or API standards.

The standard proposed by China National Petroleum Corporation.

This standard by the National Standardization Technical Committee of Oil and Gas (SAC/TC355) centralized.

This standard was drafted. China National Petroleum Corporation Institute pipe.

1 Scope

This standard gives the oil and gas industry with the casing and tubing maintenance and usage guidelines. Detail of the casing, tubing from under the job, Including Path, clasps, buckles on the scene, and down into the landing operations, but also includes the reasons for casing and tubing failures and transport, handling, storage Storage, on-site testing and welding accessories.

2 Normative references

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

GB/T 5117 carbon steel electrode GB/T 9253.2 Oil and Gas Industry casing, tubing and line pipe threads processing, measurement and inspection GB/T 19830 oil and gas industry oil and gas well casing or tubing with a steel pipe (GB/T 19830-2005, ISO 11960.

2001, IDT)

GB /oil and gas industry casing, tubing, drill pipe and line pipe properties calculated T 20657 (GB/T 20657-2006, ISO 10400:1993, MOD) GB/T 23512 Petroleum and natural gas industries casing, tubing and line pipe thread grease Evaluation and testing (GB/T 23512-2009, ISO 13678:2000, IDT) Recommended Practice SY/T 6427 drill stem design and operating limits

3 Terms and Definitions

The following terms and definitions apply to this document.

Should shal

It is used to represent the requirements of regulations.

Should

It is used to represent the requirements of the regulations are not, but recommended as best practices.

May be

Provision is used to indicate optional.

4.1 Casing go down before the preparation and testing

4.1.1

The new casing should test method GB/T 19830 stipulated, and no harmful defects. Some users found that these test methods and