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

中华人民共和国国家标准

GB/T 9130-2007

Replace GB/T 9130-1988

**Specification of metallic ring-joint gaskets
for steel pipe flanges**

钢制管法兰用金属环垫 技术条件

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Foreword

This Standard refers to Clause 4 “Metallic ring-joint gaskets” specified in ISO 7483: 1991 *Dimensions of gaskets for use with flanges to ISO 7005* are as follows:

- Recommended maximum hardness value of materials and products of metallic ring-joint gasket;
- Designation method and requirements for metallic ring-joint gasket.

This standard will replace GB/T 9130-1988 Specification for metallic ring gaskets for steel pipe flange joints.

Comparison with GB/T 9130-1988, main changes of this standard are as follows:

- Changed the standard name as “*Specification of metallic ring-joint gaskets for steel pipe flanges*” ;
- Added the code of metallic ring-joint gasket material;
- Added the conventional materials of metallic ring-joint gasket and recommendatory maximum operating temperature;
- Perfecting the structural of standard, e.g. added the technical contents of Clause 2, 3, 5, 6 and 7.

This standard was proposed by China Machinery Industry Federation.

The Standard is under the jurisdiction of the National Piping Accessories Standardization Technical Committee.

Chief draft units of this standard: China Productivity Center for Machinery (CPCFM), Cixi Hengli Sealing Material Co., Ltd, Zhejiang Guotai Sealing Material Co., Ltd.

Participated draft unit of this standard: Cixi Sealing Industry Association.

Main drafters of the Standard: Li Junying, Sun Jinlong, Qiu Kuanheng, Wu Yimin, Xu Shaohuan, Feng Feng, Zhu Xiaoping, Zhang Jiahong and Gu Xiaofeng.

This Standard was firstly issued on 1988.

Specification of metallic ring-joint gaskets for steel pipe flanges

1 Scope

This standard specifies the scope, type, requirement, inspection method and rules as well as mark, packaging, storage and transportation of metallic ring-joint gasket for steel pipe flanges.

This standard is applicable to metallic ring-joint gaskets for ring joint sealing face steel pipe flanges with nominal dimension of DN15~DN900, and nominal pressure of PN20~PN420.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 230.1 Metallic materials - Rockwell hardness test - Part 1: Test method(scales A、B、C、D、E、F、G、H、K、N、T) (GB/T 230.1-2004, ISO 6508-1: 1999, MOD)

GB/T 231.1 Metallic materials—Brinell hardness test—Part 1: Test method (GB/T 231.1-2002, eqv ISO 6506-1: 1999)

GB/T 699 Quality carbon structural steels

GB/T 6060.2 Roughness comparison specimens— Ground, turned, bored ,milled ,shaped and planed

GB/T 9128 Dimensions of metallic ring-joint gaskets for use with steel pipe flanges



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