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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 3287-2011

Replace GB/T 3287-2000

Malleable cast iron pipe fittings

可锻铸铁管路连接件

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Foreword

This Standard is formulated according to rules given in GB/T 1.1-2009

This Standard is revision of EN 10242: 1994/A2: 2003 *Threaded pipe fittings in malleable cast iron*.

This Standard will replace GB/T 3287-2000 Malleable cast iron pipe fittings, comparison with GB/T 3287-2000, main changes of this Standard are as follows:

- Added the limit deviation value and inspection methods for axis verticality of pipe thread;
- Added the upper limit of axial length of chamfer at the end of pipe fitting;
- Stipulated the guarantee and confirmation of test results of gas tightness.

This standard is proposed by China National Light Industry.

This standard is under the jurisdiction of National Technical Committee 174 on Hardware of Standardization Administration of China and National Technical Committee 237 on Pipe Fitting of Standardization Administration of China.

Chief draft units of this Standard: Jinan Meide Casting Co., Ltd, TongBao Piping Company of Tianjin TongBao Group Co., Ltd, Jiangxi Ganma Co., Ltd, Hebei Jianzhi Casting Co., Ltd, CNHA, Dazu Longgang Pipe Fittings Co., Ltd, Chongqing, Malleable Steel Committee of CNHA, Yunan Yunhai Magang Co., Ltd, Shanghai Pudong Malleable Steel Co., Ltd, Langfang Hengyu Manufacturing Co., Ltd, Foshan Quality Supervision Inspection Center, Zhejiang Quality Supervision Center of Valve & Plumbing Products and Shanghai Building Hardware Industrial Research Institute Co., Ltd.

Chief drafters of this Standard: Sun Xiangcun, Liu Xueyi, Lai Deyi, Ren Jiuhong, Liu Runfeng, Jiang Renjie, Wang Changfa, Chen Kun, Tao Shushan,

Wang Ruichang, Yang Guiming, Li Guolin, Li Zhiqiang, Gu Guohai, Huang Yongzhong, Xu Xinyuan, Qin Chengliang

History edition replaced by this standard is as following:

— GB/T 3287-1982, GB/T 3288-1982, GB/T 3289.1 to 3289.39-1982 and GB/T 3287-2000.

Malleable cast iron pipe fittings

1 Scope

This Standard specifies the product classification, requirements, test methods, inspection rules, marking packaging, transportation and storage for malleable cast iron pipe fittings.

This Standard is applicable to pipe fittings with nominal dimension (DN) 6 to 150 for transporting water, oil, air, gas and steam in common use. Connected with thread specified in GB/T 7306.1 or GB/T 7306.2.

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 (including all 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 192 General purpose metric screw threads-Basic profile

GB/T 193 General purpose metric screw threads—General plan

GB/T 196 General purpose metric screw threads—Basic dimensions

GB/T 197 General purpose metric screw threads—Tolerances

GB/T 2828.1 Sampling procedures for inspection by attributea-Part1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 2829 Sampling procedures and tables for periodic inspection by

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