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Cast iron pipe flanges

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In the event of any doubts arising as to the contents,
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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Pipe Fittings Association (JPFA)/ Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS B 2239**:2004 is replaced with this Standard.

However, **JIS B 2239**:2004 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until November 19, 2014.

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Cast iron pipe flanges

Introduction

This Japanese Industrial Standard was established in 1996 and has gone through two revisions up to the present. The last revision was made in 2004, and the revision at this time is to respond to the revisions of standards referred to in this Standard and the addition of provisions concerning coatings.

Although there is the first edition of **ISO 7005-2** *Metallic flanges—Part 2: Cast iron flanges* published in 1988 as the corresponding International Standard, since the content is improper, the said standard is not currently used. Under such circumstances, in this revision, the overall degree of correspondence between **JIS** and the International Standard is designated as "NEQ".

1 Scope

This Standard specifies cast iron pipe flanges of the nominal pressures 5K, 10K, 10K (thin type), 16K and 20K and of the nominal diameters 10A to 1500A (hereafter referred to as "flanges"), which are used for jointing steel pipes for fluid such as water[1)], oil, vapour, air, gas, etc. and also used for cast iron pipes, pipe joints, valves and the like.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 7005-2:1988 *Metallic flanges—Part 2: Cast iron flanges* (NEQ)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

Note [1)] It refers to general service water, water for fire-fighting, water for industrial use, cold and hot water for air-conditioning, cooling water, etc. except drinking water.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0151 *Iron and steel pipe fittings—Vocabulary*

JIS B 0203 *Taper pipe threads*

JIS B 0253 *Gauges for taper pipe threads*

JIS B 0601 *Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters*

JIS B 0621 *Definitions and designations of geometrical deviations*

JIS B 2001 *Nominal size and bore of valves*

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