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Steel pipe flanges

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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 2220:2004** is replaced with this Standard.

However, **JIS B 2220:2004** 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 February 19th, 2013.

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Steel pipe flanges

Introduction

This Japanese Industrial Standard was established in 1984 and has gone through six revisions up to the present. The last revision was made in 2004, and the revision at this time is intended to correspond to the revisions of the related standards and expansion of the product scope which have occurred since the last revision.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies steel pipe flanges (hereafter referred to as "flanges") of nominal sizes 10 A to 1 500 A for nominal pressures 5 K, 10K, 10K light type, 16K, 20K, 30K, 40K and 63K which are used to join parts for piping, such as steel pipes and valves used for ordinary piping ¹⁾, pressure piping ²⁾, high pressure piping ³⁾, high temperature piping ⁴⁾, alloy steel piping ⁵⁾ and stainless steel piping ⁶⁾ for steam, air, gas, water, oil, etc.

This Standard is also applicable to flanges which are integral with the piping part, and constituting a part thereof (hereafter referred to as the "integral flanges").

NOTE 1: The outside diameters of JIS steel pipes are shown in Annex B.

NOTE 2: All the pressure values indicated in this Standard are of the gauge pressure.

Notes ¹⁾ Piping using carbon steel pipes for ordinary piping of JIS G 3452 and arc welded carbon steel pipes of JIS G 3457.

²⁾ Piping using carbon steel pipes for pressure service of JIS G 3454.

³⁾ Piping using carbon steel pipes for high pressure service of JIS G 3455.

⁴⁾ Piping using carbon steel pipes for high temperature service of JIS G 3456.

⁵⁾ Piping using alloy steel pipes of JIS G 3458.

⁶⁾ Piping using stainless steel pipes of JIS G 3459 and large diameter welded stainless steel pipes of JIS G 3468.

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) listed below shall be applied.

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

JIS B 0203 *Taper pipe threads*