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Butt-welding pipe fittings for light gauge stainless steel tubes for ordinary use

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Contents

Page

1 Scope ····· 1
2 Normative references ····· 1
3 Terms and definitions ····· 1
4 Classification ····· 2
5 Materials ····· 3
6 Manufacturing method ····· 3
7 Chemical composition ····· 4
8 Performance ····· 4
8.1 Mechanical properties ····· 4
8.2 Pressure resistance ····· 4
8.3 Non-destructive test characteristics of welds ····· 4
9 Shape and dimensions ····· 4
10 Surface finish ····· 11
11 Appearance ····· 11
12 Tests ····· 12
12.1 Chemical analysis ····· 12
12.2 Mechanical tests ····· 12
12.3 Pressure resistance test ····· 12
12.4 Non-destructive test of welds ····· 12
13 Inspection ····· 12
13.1 Types of inspection and inspection items ····· 12
13.2 Inspection on chemical composition ····· 13
13.3 Inspection on mechanical properties ····· 13
13.4 Inspection on pressure resistance ····· 13
13.5 Inspection on shape and dimensions ····· 13
13.6 Inspection on surface finish ····· 14
13.7 Inspection on appearance ····· 14
13.8 Non-destructive inspection of welds ····· 14
14 Designation of product ····· 14
15 Marking ····· 14
16 Report ····· 15
Annex A (normative) Pipe fittings of special shapes ····· 16
Annex B (normative) Shape and dimensions of bevel end ····· 20

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Annex C (informative) Shape and dimensions of loose flanges used with stub ends 21

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Foreword

This Japanese Industrial Standard has been 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 Stainless Steel Association (JSSA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 2309** : 2009), which has been technically revised.

However, **JIS B 2309** : 2009 may be applied in the JIS mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 February 2027.

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Butt-welding pipe fittings for light gauge stainless steel tubes for ordinary use

1 Scope

This Japanese Industrial Standard specifies requirements for stainless steel pipe fittings to be butt-welded to light gauge stainless steel pipes for ordinary use specified in JIS G 3448 (hereafter referred to as pipe fitting).

NOTE Pipe fittings are designed with considerations for fitting efficiency based on the design conditions specified by the user.

2 Normative references

Part or all of the provisions of the following standards, 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 0601 *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Terms, definitions and surface texture parameters*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 3448 *Light gauge stainless steel tubes for ordinary piping*

JIS G 3459 *Stainless steel pipes*

JIS G 4303 *Stainless steel bars*

JIS G 4304 *Hot-rolled stainless steel plate, sheet and strip*

JIS G 4305 *Cold-rolled stainless steel plate, sheet and strip*

JIS S 3200-1 *Equipment for water supply service — Test methods of hydrostatic pressure*

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

JIS Z 3040 *Method of qualification test for welding procedure*

JIS Z 3106 *Methods of radiographic examination for welded joints in stainless steel*

JIS Z 3821 *Standard qualification test and acceptance requirements for welding technique of stainless steel*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in JIS B 0151 and JIS G 0203 apply.

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