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**Steel butt-welding pipe fittings for
ordinary use**

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification	2
5 Materials	3
6 Manufacturing method	3
6.1 Pipe fittings of FSGP	3
6.2 Pipe fittings of PY400	3
6.3 Heat treatment	4
6.4 White pipe fittings	4
7 Performance	4
7.1 Pressure resistance	4
7.2 Evenness of galvanization	4
7.3 Mechanical properties of welds	4
8 Shapes and dimensions	5
9 Appearance	5
10 Tests	6
10.1 Pressure resistance test	6
10.2 Test of evenness of galvanization	6
10.3 Mechanical test of welds	6
11 Inspection	6
11.1 Type of inspection and inspection items	6
11.2 Pressure resistance inspection	7
11.3 Inspection on evenness of galvanization	7
11.4 Inspection on mechanical properties of welds	7
11.5 Inspection on shape and dimensions	7
11.6 Appearance inspection	7
12 Designation of products	7
13 Marking	8
14 Report	9
Annex A (normative) Pipe fittings of special shapes	24

Annex B (informative) Marking and report for pipe fittings
with special necks 29

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 2311 : 2009** is replaced with this Standard.

However, **JIS B 2311 : 2009** 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 January 19, 2016.

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Steel butt-welding pipe fittings for ordinary use

Introduction

This Japanese Industrial Standard was established in 1982 and has gone through six revisions up to the present. Since the previous revision made in 2009, there has been users' demands for revising some of the contents and also other related Japanese Industrial Standards have been revised. The revision at this time is made for corresponding to these situations.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the steel pipe fittings attached by butt-welding to ordinary pipings¹⁾ carrying steam, water, oil, gas, air, etc. of comparatively low working pressure (hereafter referred to as "pipe fittings").

Annex A specifies the pipe fittings of special shapes not given in the main body of this Standard, which may be designated upon agreement between the purchaser and the manufacturer, and Annex B shows matters related to the marking and report of the pipe fittings with special necks for informative reference.

Note¹⁾ Pipings using carbon steel pipes for ordinary piping specified in **JIS G 3452** and pipings using arc welded carbon steel pipes for piping specified in **JIS G 3457**.

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 G 0415 *Steel and steel products — Inspection documents*

JIS G 3101 *Rolled steels for general structure*

JIS G 3452 *Carbon steel pipes for ordinary piping*

JIS G 3457 *Arc welded carbon steel pipes*

JIS H 0401 *Test methods for hot dip galvanized coatings*

JIS H 2107 *Zinc ingots*

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

JIS Z 3801 *Standard qualification procedure for manual welding technique*

JIS Z 3841 *Standard qualification procedure for semi-automatic welding technique*