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Large diameter welded stainless steel pipes

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In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

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Contents

	Page
Intro	duction1
1	Scope
2	Normative references · · · · · · · · · · · · · · · · · · ·
3	Terms and definitions ······2
4	Symbols of grade ·······2
5	Manufacturing method ····································
6	Chemical composition ····································
7 7.1 7.2	Mechanical properties
8	Hydraulic test characteristics or non-destructive test characteristics ······· 6
9 9.1 9.2 9.3	Dimensions, unit mass and dimensional tolerances
10	Appearance ······11
11	Supplementary quality requirements11
12 12.1 12.2 12.3	Tests
13 13.1 13.2	Inspection and reinspection13Inspection13Reinspection13
14	Marking14
15	Report14
Anne	x JA (normative) Supplementary quality requirements15
Anne	x JB (informative) Comparison table between JIS and corresponding International Standard

G 3468: 2021

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by The Japan Iron and Steel Federation (JISF), an accredited standards development organization. This edition replaces the previous edition (JIS G 3468:2017), which has been technically revised.

However, **JIS G 3468**: 2017 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 April 2022.

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- Name: NIPPON STEEL Stainless Steel Corporation
- Address: 1-8-2 Marunouchi, Chiyoda-ku, Tokyo-to

Symbol of grade	Title of invention	Patent number	Registration date of establishment of patent right
SUS821L1TPY	Alloy-saving duplex stainless steel	5345070	23 August 2013
	with good corrosion resistance and		
	toughness of weld heat affected zone		

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Large diameter welded stainless steel pipes

JIS G 3468: 2021

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 9330-6**: 1997, Edition 1, with some modifications of the technical contents.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies requirements for large diameter welded stainless steel pipes (hereafter referred to as pipes) used for piping for corrosion resistance, low temperature service, elevated temperature service or the like.

- NOTE 1 This Standard generally applies to pipes of outside diameter 165.2 mm (nominal diameter 150A or 6B) to 1 016.0 mm (nominal diameter 1 000A or 40B) (see 9.1).
- NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 9330-6: 1997 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 6: Longitudinally welded austenitic stainless steel tubes (MOD)

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**.

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 G 0201 Glossary of terms used in iron and steel (Heat treatment)
- JIS G 0202 Glossary of terms used in iron and steel (Testing)
- JIS G 0203 Glossary of terms used in iron and steel (Products and quality)
- JIS G 0320 Standard test method for heat analysis of steel products
- JIS G 0404 Steel and steel products General technical delivery requirements
- JIS G 0415 Steel and steel products Inspection documents
- JIS G 0567 Method of elevated temperature tensile test for steels and heat-resisting