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JIS G 3448 : 2022

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**Light gauge stainless steel tubes for  
ordinary piping**

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## 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 3448** : 2020), which has been technically revised.

However, **JIS G 3448** : 2020 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 May 2023.

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# Light gauge stainless steel tubes for ordinary piping

## 1 Scope

This Japanese Industrial Standard specifies requirements for stainless steel tubes (straight tubes and coiled tubes, hereafter referred to as tubes) used for piping of water supply, hot water supply, drainage, chilled/heated water supply, fire-fighting water supply and others. This Standard is applicable to tubes of outside diameter 9.52 mm (designation 8Su) to 318.5 mm (designation 300Su).

## 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 0583 *Automated eddy current examination of steel pipes and tubes*

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*

## 3 Terms and definitions

For the purpose of this Standard, the following term and definition, and those given in JIS G 0201, JIS G 0202 and JIS G 0203 apply.

### 3.1

#### coiled tube

steel tubes wound into a coil without cutting to lengths

## 4 Symbol of grade

Tubes are classified into four grades. Table 1 shows symbols of grade and symbols for manufacturing method.