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Carbon steel pipes 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 3452** : 2019), which has been technically revised.

However, **JIS G 3452** : 2019 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 2027.

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Carbon steel pipes for ordinary piping

1 Scope

This Japanese Industrial Standard specifies the requirements for carbon steel pipes (hereafter referred to as pipe) used for the conveyance of steam, water (except public water supply service), oil, gas, air, etc. at comparatively low working pressures. This Standard is applicable to pipes with an outside diameter of 10.5 mm to 508.0 mm.

2 Normative reference

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 0203 *Taper pipe threads*

JIS B 0253 *Gauges for taper pipe threads*

JIS B 2301 *Screwed type malleable cast iron pipe fittings*

JIS B 2302 *Screwed type steel pipe fittings*

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 0416 *Steel and steel products — Location and preparation of samples and test pieces for mechanical testing*

JIS G 0582 *Automated ultrasonic examination of steel pipes and tubes*

JIS G 0583 *Automated eddy current examination of steel pipes and tubes*

JIS G 0603 *Flattening test of steel pipes and tubes*

JIS H 1111 *Methods for chemical analysis of zinc metal*

JIS H 1113 *Method for photoelectric emission spectrochemical analysis of zinc metal*

JIS H 2107 *Zinc ingots*

JIS H 8641 *Hot dip galvanized coatings*

JIS K 8983 *Copper (II) sulfate pentahydrate (Reagent)*

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

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