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**Carbon steel pipes for ordinary
piping**

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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 The Japan Iron and Steel Federation (JISF) 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 G 3452:2010** is replaced with this Standard.

However, **JIS G 3452:2010** 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 May 19, 2015.

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Carbon steel pipes for ordinary piping

1 Scope

This Japanese Industrial Standard specifies the carbon steel pipes (hereafter referred to as “pipes”) used for piping to convey 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 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) 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 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 0582 *Automated ultrasonic examination of steel pipes and tubes*

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

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

JIS H 2107 *Zinc ingots*

JIS H 8641 *Hot dip galvanized coatings*

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

JIS Z 8401 *Guide to the rounding of numbers*

3 Classification and symbols

Pipes shall be classified into one grade and the designation of grade, designation of manufacturing method and classification of zinc-coating shall be as given in table 1.