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Stainless-clad steels

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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 according to the proposal for revision of Japanese Industrial Standard submitted by High Pressure Institute of Japan (HPI) with the draft prepared from the association standard (**HPIS-B104**) 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 3601:2002** is replaced with this Standard.

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Stainless-clad steels

Introduction

This Japanese Industrial Standard was established in 1977 and has gone through 4 revisions to this day. The last revision was made in 2002, and the revision at this time is to correspond to the progress in technologies concerning clad steels afterwards, and the like.

Further, no International Standard corresponding to this Standard has been established at this point.

1 Scope

This Standard specifies the clad steels to be used for pressure vessels, boilers, nuclear reactors, storage tanks and the like, whose cladding metals are stainless steels.

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 G 0306 *Steel forgings — General technical requirements*
- JIS G 0404 *Steel and steel products — General technical delivery requirements*
- JIS G 0601 *Testing methods for clad steels*
- JIS G 3101 *Rolled steels for general structure*
- JIS G 3103 *Carbon steel and molybdenum alloy steel plates for boilers and pressure vessels*
- JIS G 3106 *Rolled steels for welded structure*
- JIS G 3114 *Hot-rolled atmospheric corrosion resisting steels for welded structure*
- JIS G 3115 *Steel plates for pressure vessels for intermediate temperature service*
- JIS G 3118 *Carbon steel plates for pressure vessels for intermediate and moderate temperature services*
- JIS G 3119 *Manganese-molybdenum and manganese-molybdenum-nickel alloy steel plates for boilers and pressure vessels*
- JIS G 3120 *Manganese-molybdenum and manganese-molybdenum-nickel alloy steel plates quenched and tempered for pressure vessels*
- JIS G 3124 *High strength steel plates for pressure vessel for intermediate and moderate temperature service*
- JIS G 3126 *Carbon steel plates for pressure vessels for low temperature service*