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Testing methods for 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-F106) 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 0601:2002** is replaced with this Standard.

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Testing methods for 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 The last revision was made in 2002, and the revision at this time is to correspond to the revision/withdrawn of normative references afterwards, the progress in testing methods, and the like.

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

1 Scope

This Standard specifies testing methods for clad steels to be used for pressure vessels, boilers, nuclear reactors, storage tanks and the like, whose base metals are steel products, and cladding metals are stainless steels or non-ferrous metals.

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 0320 *Standard test method for heat analysis of steel products*
- JIS G 0555 *Microscopic testing method for the non-metallic inclusions in steel*
- JIS G 1281 *Methods for chemical analysis of nickel-chromium-iron alloys*
- JIS H 1012 *General rules for chemical analysis of copper and copper alloys*
- JIS H 1051 *Methods for determination of copper in copper and copper alloys*
- JIS H 1052 *Methods for determination of tin in copper and copper alloys*
- JIS H 1053 *Methods for determination of lead in copper and copper alloys*
- JIS H 1054 *Methods for determination of iron in copper and copper alloys*
- JIS H 1055 *Methods for determination of manganese in copper and copper alloys*
- JIS H 1056 *Methods for determination of nickel in copper and copper alloys*
- JIS H 1057 *Methods for determination of aluminium in copper and copper alloys*
- JIS H 1058 *Methods for determination of phosphorus in copper and copper alloys*
- JIS H 1059 *Methods for determination of arsenic in copper and copper alloys*
- JIS H 1060 *Methods for determination of cobalt in copper and copper alloys*
- JIS H 1061 *Methods for determination of silicon in copper and copper alloys*
- JIS H 1062 *Methods for determination of zinc in copper and copper alloys*