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Office furniture—Desks and tables

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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 Japan Office & Institutional Furniture Association (JOIFA)/Japanese Standards Association (JSA) 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 S 1031:2004** is replaced with this Standard.

However, **JIS S 1031:2004** 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 April 19, 2017.

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Office furniture—Desks and tables

Introduction

This Japanese Industrial Standard was established in 1960 and has gone through nine revisions up to the present. The last revision was made in 2004, and the revision at this time is to respond to a variety of uses and improved qualities of the products.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the desks and tables for office use (hereafter referred to as “desks and tables”).

The desks and tables specified in this Standard are intended to be used mainly in offices, manufactured by combining main components such as table tops, wings, legs and extension elements, and are used for work, meeting, reception and the like depending on the intended use. While the desks and tables having a folding structure, a height adjustment structure and a knock-down structure are covered by this Standard, desks and tables which are designed not to be self-standing unless they are coupled with others, auxiliary tables to be used in combination with a desk, single-leg tables and desks and tables consisting of a panel system are not covered.

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 A 1531 *Furniture—Assessment of surface resistance to cold liquids*

JIS A 5549 *Adhesives for fixture*

JIS A 5905 *Fiberboards*

JIS A 5908 *Particleboards*

JIS H 8610 *Electroplated coatings of zinc on iron or steel*

JIS H 8617 *Electroplated coatings of nickel and chromium*

JIS K 5600-5-6 *Testing methods for paints—Part 5: Mechanical property of film—Section 6: Adhesion test (Cross-cut test)*

JIS K 5961 *Household varnish for interior wooden floor*

JIS K 5962 *Household paint for wood and metal*

JIS S 1200 *Furniture—Storage units—Determination of strength and durability*

JIS S 1201 *Furniture—Storage units—Determination of stability*

JIS S 1207 *Office furniture—Tables and desks—Test methods for the determination of stability, strength and durability*

JIS Z 1522 *Pressure sensitive adhesive cellophane tapes*

JIS Z 2101 *Methods of test for woods*

JIS Z 8703 *Standard atmospheric conditions for testing*

Japanese Agricultural Standard (JAS) *Sawn lumber*

Japanese Agricultural Standard (JAS) *Plywood*

Japanese Agricultural Standard (JAS) *Glued laminated timber*

Japanese Agricultural Standard (JAS) *Laminated veneer lumber*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1 table top

component used for the main working surface and auxiliary working surface of desks and tables

3.2 wings

component used as storage unit mainly for both storage and legs of desks and tables

3.3 legs

component of rod shape or plate shape to support the table top, storage unit and the like of desks and tables

3.4 extension element

component that can be pulled out and pushed in, used for storage

3.5 interlock

device which restrains the opening of more than one extension element at a time

3.6 latching mechanism

mechanism which retains an extension element in the closed position in a simple way

NOTE : It requires an action in order to release it.

3.7 locking mechanism

mechanism that limits access to the interior of a storage unit or a storage element

NOTE : It requires a key or a combination in order to activate it or to make it possible to activate it.

3.8 height adjustment mechanism

mechanism for adjusting the height of a table top

4 Classification

4.1 Classification by purpose of use

The classification by purpose of use shall be as follows.

- a) **For work** The desks and tables to be used for work mainly performed in offices.
- b) **Other** The desks and tables to be used for meeting or reception etc. other than work mainly performed in offices.

4.2 Classification by structure

The classification by structure shall be as follows.

- a) **Double pedestal desk** The desk consisting of mainly table top and wings at both sides.
- b) **Single pedestal desk** The desk consisting of mainly table top, wing at one side and leg at another side.
- c) **Side desk** The desk consisting of mainly table top and storage unit. Those fitted with castors (wagons) are included.
- d) **Non-pedestal desk** The desk consisting of mainly table top and leg parts at both sides and usually having extension elements below the table top.
- e) **Table** The table consisting of mainly table top and legs at both sides, including height adjustable type, knock-down type and folding type.

The folding type tables include the following structures.

- 1) **Table with folding legs** The table whose legs can be folded toward the back of the table top.
- 2) **Table with inclined table top** The table whose table top can be slanted so as to fold the table with the legs kept standing.
- 3) **Table with folding table top** The table whose table top can be folded at the middle so as to fold the table with the legs kept standing.

5 Dimensions

The dimensions of desks and tables shall be agreed between the interested parties.

NOTE : For the dimensions of desks and tables, see Annex B.

6 Quality

6.1 Appearance

The appearance shall be as follows.

- a) The desks and tables shall be well finished having no significant imperfections such as flaw, warp and joint displacement.
- b) There shall be no sharp corners, protrusions or fine splits in parts which come in direct contact with human bodies and clothes.
- c) The painted surfaces that are visible shall be uniform in gloss and colour tone, and be free from uneven painting, sagging, etc.