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Domestic furniture—Student desks

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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 1061** : 1998 is replaced with this Standard.

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Domestic furniture—Student desks

1 Scope This Japanese Industrial Standard specifies the household student desks (hereafter referred to as “desks”).

Remarks : The said household student desks mean those manufactured by consisting of the combination of some main consisting members such as top board (top plate), wings, legs, drawers, illuminators, the height adjusting apparatus of desk plate used mainly for the study and the like of school children and junior high school students in the home. The assembling type student desks are also included.

2 Normative references The standards as shown in attached table 1 contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) shall be applied.

3 Definitions For the purposes of this Standard, the following definitions apply.

- a) **top board (top plate)** the constituting member used for main working plane and auxiliary working plane
- b) **wings** the member of storage units used mainly as storage or legs
- c) **legs** the member of rod shape or plate shape supporting top board (top plate), storage units part, etc.
- d) **drawers** the member for the purpose of storing
- e) **shelves** the constituting member consisting of the plate shaped member in the upper part of top board (top plate) for the purpose of storing. There are fixed types and adjustable types.
- f) **height adjusting apparatus of desk plate** the member to adjust the height of the top board (top plate) used for working plane

4 Classification The classification of desks shall be classified by structure as follows:

- a) **Double pedestal desk** The desk consisting of mainly a top board (top plate) part and the wings part at both sides.
- b) **Single pedestal desk** The desk consisting of mainly a top board (top plate) part and a wing part at one side and a leg part at another side.
- c) **Side desk** The desk consisting of mainly a top board (top plate) part and a wing part.
- d) **Non-pedestal desk** The desk consisting of mainly a top board (top plate) part and the leg parts at both sides and having usually drawers below a top boards (top plate).

5 Dimensions The dimensions of desks shall be subjected to the agreement between the parties concerned with delivery.

Information : For the dimensions of desks, see the annex.

6 Quality

6.1 Appearance The appearance shall be as follows:

- a) The appearance shall be well-finished and free from the remarkable defects such as flaws, warp, the disconnection of jointing part.
- b) The parts coming into contact with the human body and clothes shall be free from sharp protrusions, corners, fine splits.
- c) The face side of painted surface shall be uniform in gloss and colour tone and be free from uneven painting, sagging, etc.
- d) The light source attaching apparatus shall be considered so that the light source is directly not visible.

6.2 Performance The performance, when tested as specified in clause 10, shall conform to the specifications in table 1.

Table 1 Performance

Item		Performance	Applicable subclause
Stability	Stability to vertical force	It shall not overturn.	10.1 a)
	Stability to vertical force and horizontal force	It shall not overturn.	10.1 b)
	Stability of storage units under the condition without adding the force	It shall not overturn.	10.1 c)
	Stability when the force is added to movable part (vertical force)	It shall not overturn.	10.1 d)
	Stability when the force is added to shelf board (vertical force and horizontal force)	It shall not overturn.	10.1 e)
Static strength	Static vertical strength: main working plane	After removing the force, the damage and deformation to hinder use shall not exist.	10.2 a) 1)
	Static vertical strength: auxiliary working plane	After removing the force, the damage and deformation to hinder use shall not exist.	10.2 a) 2)
	Static vertical strength: sustaining vertical force	The deflection rate shall be within 1 % when the weight is loaded and not more than 0.3 % when the weight is removed, and the damage and deformation to hinder use shall not exist.	10.2 a) 3)

Table 1 (concluded)

Item		Performance	Applicable subclause
Static strength	Static horizontal strength ⁽¹⁾	The amount of displacement shall be not more than 20 mm, and the damage and deformation to hinder use shall not exist.	10.2 b)
	Static strength of drawer and runner ⁽²⁾	The damage and deformation to hinder use shall not exist.	10.2 c)
	Quick opening and closing of drawers ⁽²⁾	The damage and deformation to hinder use shall not exist.	10.2 d)
	Disconnection of bottom plate of drawers	The damage and deformation to hinder use shall not exist.	10.2 e)
	Static strength of shelf board support ⁽³⁾	The damage and deformation to hinder use shall not exist.	10.2 f)
	Deflection of shelf board	The deflection rate shall be not more than 0.5 % and the damage and deformation to hinder use shall not exist.	10.2 g)
Impact property	Impact to horizontal plane	The damage and deformation to hinder use shall not exist.	10.3 a)
	Drop ⁽⁴⁾	The damage and deformation to hinder use shall not exist.	10.3 b)
Durability ⁽²⁾	Durability of drawers and runners	The damage and deformation to hinder use shall not exist.	10.4 a)
Surface treatment ⁽⁵⁾	Surface resistance ⁽⁶⁾ to cold liquids	It shall be not less than grade 3 specified in JIS A 1531 .	10.5 a)
	Painting film adherence at wooden part	It shall be free from peeling off of painting film.	10.5 b)
	Painting film adherence at metallic part	It shall be free from peeling off of painting film.	10.5 c)
	Rust prevention of painting film at metallic part	The blistering and rust shall not be found at the outside of 3 mm at both sides of flaws.	10.5 d)
	The thickness of plating at metallic part	It shall be not less than grade 2 of class 1 A and B and not less than grade 2 of class 2 specified in JIS H 8610 or not less than grade 2 in table 1 and not less than grade 2 in table 2 A, table 2 B and table 2 C specified in JIS H 8617 .	10.5 e)
Insulation resistance, withstand voltage	Insulation resistance	It shall be not less than 1 MΩ.	10.6 a)
	Withstand voltage	Abnormalities shall not exist.	10.6 b)
Illuminance, noise	Illuminance of built-in illuminator	The average illuminance shall be not less than 300 lx.	10.7 a)
	Noise of built-in illuminator	It shall be not more than 25 dB.	10.7 b)

Notes ⁽¹⁾ For the desks of less than 600 mm in depth, the strength test of *C* and *D* directions shall not be included.