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**Chairs and seats with electrical  
mechanisms assist standing up and  
sitting down**

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## Contents

	Page
1	Scope ..... 1
2	Normative references ..... 1
3	Terms and definitions ..... 1
4	Classification ..... 2
4.1	Types and performance ..... 2
4.2	Classification according to maximum load ..... 3
5	Name of each part ..... 3
6	Requirements ..... 4
6.1	General requirements ..... 4
6.2	Appearance and construction ..... 4
6.3	Materials ..... 5
6.4	Performance ..... 5
7	Test environment and test apparatus ..... 6
7.1	Floor ..... 6
7.2	Cylindrical gauge ..... 6
7.3	Load measuring apparatus ..... 6
7.4	Stopper ..... 7
7.5	Seat wear plate ..... 7
7.6	Back support wear plate ..... 7
7.7	Arm wear plate ..... 7
7.8	Small size seat wear plate ..... 7
7.9	Seat impact body ..... 7
7.10	Impact hammer ..... 7
8	Test methods ..... 8
8.1	Appearance and construction ..... 8
8.2	Performance test ..... 9
9	Marking and instruction manual ..... 16
9.1	Marking ..... 16
9.2	Instruction manual ..... 16

## Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal of establishing a Japanese Industrial Standard from Japan Assistive Products Association (JASPA) / Japanese Standards Association (JSA), with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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# Chairs and seats with electrical mechanisms assist standing up and sitting down

## 1 Scope

This Japanese Industrial Standard specifies the chairs and seats designed for assisting the standing up and sitting down motion of the users with the seat that can be lifted up and down by electrical power operation (hereafter referred to as “assisting chair”).

Chairs designed to carry a person on it, toilet seats or bathroom chairs are not included.

## 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 4305 *Cold-rolled stainless steel plate, sheet and strip*

JIS S 1203 *Furniture — Chairs and stools — Determination of strength and durability*

JIS S 1204 *Furniture — Chairs — Determination of stability — Part 1 : Upright chairs and stools*

JIS Z 8051 *Safety aspects — Guidelines for their inclusion in standards*

JIS Z 8071 *Guidelines for standards developers to address the needs of older persons and persons with disabilities*

## 3 Terms and definitions

For the purpose of this Standard, the terms and definitions specified in JIS S 1203, JIS S 1204 and the following shall apply.

### 3.1 adverse condition

design conditions to be considered, including foreseeable misuse, that are determined by such as continuous trial and error

### 3.2 back support

the part in contact with the body, which supports the back

### 3.3 seat