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Vaporizer for home use

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Health, Labour and Welfare and 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 the Japan Home-Health Apparatus Industrial Association (HAPI)/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 T 2010 : 2005** is replaced with this Standard.

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Vaporizer for home use

1 Scope

This Japanese Industrial Standard specifies vaporizers for home use (hereafter referred to as “apparatus”) used with water or 1 % salt solution as the inhalant in use for other than hospitals and clinics. Moreover, this Standard applies to the single-phase apparatus with the rated voltage of 100 V and the apparatus internally powered by the safety extra-low voltage (SELV).

- ultrasonic vaporizers for home use;
- electric vaporizers for home use;
- electrothermal vaporizers for home use.

This Standard does not apply to the following apparatuses:

- When an unexpected situation happens during sleep, etc., the apparatus used under the condition where the user can not go into action to avoid danger;
- The apparatus used simultaneously by multiple persons.

Moreover, JIS T 2010 : 2005 may be applied until July 28th, 2014.

2 Normative references

The following standards contain provisions which, through reference in the text, constitute provisions of this Standard. For standards with the year indication, only the edition of the indicated year shall apply and the revisions (including amendments) made thereafter shall not apply.

JIS C 9335-2-212 : 2007 *Safety of household and similar electrical appliances—Part 2-212: Particular requirements for vaporizer for home use*

JIS K 0557 : 1998 *Water used for industrial water and wastewater analysis*

JIS T 0993-1 : 2005 *Biological evaluation of medical devices—Part 1 : Evaluation and testing*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in clause 3 of JIS C 9335-2-212 and the following terms and definitions apply.

3.1 ultrasonic vaporizer for home use

a vaporizer to spray inhalant by ultrasonic designed exclusively as home use

3.2 electric vaporizers for home use

a vaporizer to spray inhalant by electricity designed exclusively as home use

3.3 electrothermal vaporizers for home use

a vaporizer to spray inhalant by electric heating designed exclusively as home use