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**Hospital grade outlet-sockets and
plugs**

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Foreword

This Japanese Industrial Standard has been 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 The Institute of Electrical Installation Engineers of Japan (IEIEJ)/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 1021**:2008 is replaced with this Standard.

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Hospital grade outlet-sockets and plugs

1 Scope

This Japanese Industrial Standard specifies the requirements for hospital grade outlet-sockets and plugs which are used for the connection of medical electrical equipment and an electric circuit of a.c. 100 V at a frequency of 50 Hz or 60 Hz. This Standard does not cover multiple taps and cord connector bodies, and hospital grade outlet-sockets and plugs for special service such as floor mount type, waterproof type and explosion proof type.

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 C 3306 *Polyvinyl chloride insulated flexible cords*

JIS C 3307 *600 V Polyvinyl chloride insulated wires*

JIS C 3612 *600V Flame retardant polyethylene insulated wires*

JIS C 8303 *Plugs and receptacles for domestic and similar general use*

JIS C 8306 *Testing methods for wiring devices*

JIS T 0601-1 *Medical electrical equipment—Part 1: General requirements for basic safety and essential performance*

JIS T 1022 *Safety requirements of electrical installations for medically used rooms in hospitals and clinics*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions in **JIS C 8303** and **JIS T 0601-1**, and the following apply.

3.1

hospital grade outlet-sockets and plugs

outlet-sockets and plugs for connection of power supply to medical electrical equipment, which is a general term of hospital grade outlet-sockets and hospital grade plugs

3.2

hospital grade outlet-socket

in accordance with **3.3** of **JIS T 1022**

3.3

hospital grade plug

plug used for medical electrical equipment, which consists of blades, an enclosure of insulating material that covers a connection part of cord (including a cable) and the like

This is inserted/withdrawn into/from a plug receptacle by hand.