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**Electric traction overhead lines —
Connecting sleeves of stranded
conductors**

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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 JAOTE/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 E 2220: 1994** is replaced with this Standard.

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Electric traction overhead lines — Connecting sleeves of stranded conductors

1 Scope This Japanese Industrial Standard specifies requirements for sleeves for connecting contact lines and wires (hereafter referred to as contact lines) used for electric traction overhead lines by a compression connecting method (hereafter referred to as sleeves).

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions (including amendments) of the standards indicated below shall be applied.

JIS B 0405 *General tolerances — Part 1 : Tolerances for linear and angular dimensions without individual tolerance indications*

JIS C 3102 *Annealed copper wires for electrical purposes*

JIS C 3105 *Hard-drawn copper stranded conductors*

JIS C 3109 *Hard-drawn aluminium stranded conductors*

JIS E 2001 *Overhead contact lines — Fittings-vocabulary*

JIS E 2002 *Electric traction overhead lines — Fittings — Test methods*

JIS G 3537 *Zinc-coated steel wire strands*

JIS G 4051 *Carbon steels for machine structural use*

JIS H 2110 *Virgin aluminium ingots for electrical purposes*

JIS H 2121 *Electrolytic cathode copper*

JIS H 3250 *Copper and copper alloy rods and bars*

JIS H 3300 *Copper and copper alloy seamless pipes and tubes*

JIS H 4040 *Aluminium and aluminium alloy rods, bars and wires*

JIS H 4080 *Aluminium and aluminium alloy extruded tubes and cold-drawn tubes*

JIS H 8641 *Zinc hot dip galvanizings*

3 Definitions For the purpose of this Standard, the terms and definitions given in JIS E 2001 apply.

4 Types and symbols Sleeves are classified into types as shown in Table 1 according to their connecting methods and given symbols representing their connecting methods and applicable contact lines as shown in Table 1.