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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 9326.4-1988

Replacing GB 9326.4-1988

**Oil-filled, paper or polypropylene paper laminate insulated,
metal-sheathed cables and accessories for alternating voltages
up to and including 500kV -- Part 4: Joint
(English Translation)**

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Foreword

GB/T 9326 "AC 500kV, paper or polypropylene paper laminate insulated metal sheathed cables and accessories" consists of five parts.

--- Part 1. Test;

--- Part 2. AC 500kV and below paper insulated lead sheathed cables;

--- Part 3. Terminal;

--- Part 4. Connector;

--- Part 5. Pressure tanks.

This part of GB/T 9326 Part of.

This Part replaces GB 9326.4-1988 "AC 330kV and below-contained oil-filled paper - insulated cables and accessories for fittings." this section technical differences compared with GB 9326.4-1988 is.

--- This part of GB/T 9326.1 corresponds to the voltage applied to scale up 500kV, and includes polypropylene composite paper insulation;

--- GB 9326.4-1988 modify the definition of straight joints, which extended through connector and insulation joints (see 3.1 and 3.2);

--- Modify the model designation (see Table 1);

--- Since the joint but also the use of epoxy resin parts, thus increasing the epoxy preform and epoxy casing technical requirements (see 6.4);

--- Increasing the pressure test as a test method for the selective fittings seal test (see 8.2.2).

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Standardization Technical Committee Wire and Cable (SAC/TC213) centralized.

This part of the unit responsible for drafting. Shanghai Electric Cable Research Institute.

Participated in the drafting of this section. Shenyang Cable Co., Ltd., Shanghai Sanyuan Cable Accessories Co., Ltd., Wuhan High Voltage Research Institute, Shanghai Cable Co., Ltd., Hubei Wing Ding means Electric Co., Northeast Electric Power Design Institute.

1 Scope

This section specifies the rated voltage of 500kV, paper or polypropylene paper laminate insulated metal sleeve basic structure of the oil-filled cable joint, Type designation, technical requirements, testing and inspection rules, packaging, transportation and storage.

This section applies to the rated voltage of 500kV, paper or polypropylene paper laminate insulated metal sheathed cables pass-through connector, insulated Connectors and plugs only fitting.

2 Normative references

The following documents contain provisions which, through reference to GB/T 9326 to the present, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 468-1997 electrical copper ingots GB/T 507-2002 insulating oil breakdown voltage measurement method (IEC 60156:1995, MOD) GB/T 3048.8-2007 electrical wire and cable performance test methods - Part 8. AC voltage test (IEC 60060-1. 1989, NEQ) GB/T 3048.13-2007 wire and cable electrical performance test methods - Part 13. impulse voltage test methods (IEC 60230.

1966, MOD)

GB/T 3048.14-2007 wire and cable electrical performance test methods - Part 14. DC voltage test methods (IEC 60060-1.

1989, NEQ)

GB/T 9326.1-2008 AC 500kV, paper or polypropylene paper laminate insulated metal sheathed cables and accessories 1 . Testing (IEC 60141:1993, MOD) GB/T 9326.2-2008 AC 500kV, paper or polypropylene paper laminate insulated metal sheathed cables and accessories 2 Part. AC 500kV and below paper insulated lead sheathed cables (IEC 60141:1993, NEQ) GB/T 9326.3-2008 AC 500kV, paper or polypropylene paper laminate insulated metal sheathed cables and accessories 3 Section. Terminal GB/T 12464-2002 ordinary wooden box GB/T 16927.1-1997 high voltage test techniques - Part 1. General test requirements (eqv IEC 60060-1. 1989)

3 Definitions and symbols

The following terms and definitions apply to this part of the GB/T 9326's.

Connecting two cables forming a continuous attachment circuit. In this section refers in particular to the joint metal housing with the connecting cable and the metal shield
Electrically insulating shield continuous connector.

The cable metal sheath, shield and insulation shield grounded metal electrically disconnected connector.