

ICS 13.260

CCS K47



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

GB/T 13035-2008

Replacing GB/T 13035-2003

Live working-insulating ropes

带电作业用绝缘绳索

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Foreword

This standard replaces GB/T 13035-2003 "live working with insulating rope." The main difference compared with the standard GB/T 13035-2003 as follows:

- Expand the scope of a close friend, a DC voltage level;
- Modify the "breaking strength", "elongation" is defined in English;
- The 'mechanical performance requirements "in the tension measurement requirements listed separately, an increase of Table 6;
- Increase the basic requirements of "breaking strength and elongation test," the length of the specimen. The Standard Appendix A, Appendix B, Appendix C, Appendix D, Appendix E are normative appendices. The standard proposed by China Electricity Council. This standard by the National Standardization Technical Committee work and live under the jurisdiction responsible for the interpretation. This standard was drafted. State Grid Wuhan High Voltage Research Institute, Ltd. Ningbo days WONG electrical apparatus, Taizhou in Jiangsu Hongda insulation Equipment Factory. The main drafters of this standard. Hu Yi, Wu Weining, Lvwei Hong, Jiang Da, Wang Yu, Gu Yong, Yi Hui, Zhang Lihua, Xu Ying. This standard replaces the standards previously issued as follows:
- GB/T 13035-1991; GB/T 13035-2003. Live working with insulating ropes

1 Scope

GB/T 13035-2008 is the Chinese national standard on live working-insulating ropes, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 24 September 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization

Administration of China, and has been in force since 1 August 2009. Classification: ICS 13.260, CCS K47. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the live working with insulating rope classification, materials, technical requirements, test methods, inspection rules, custody, storage and transport Transport and so on. This standard applies to the AC and DC voltage level of electrical equipment for live working insulating rope materials.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 14286 live working tools and equipment term (GB/T 14286-2008, IEC 60743.2001, MOD)

GB/T 16927.1 High-voltage test techniques Part 1. General test requirements (GB/T 16927.1-1997, eqv

IEC 60060-1. 1989) DL/T 974 live working tools warehouse

3 Definitions

GB/T 14286 and determined the following terms and definitions apply to this standard.

3.1 Measuring rope under tension circumscribed circle diameter.

3.2 The tension acting on the rope in the rope when the measured characteristics.

3.3 When the rope breakage measured maximum tension.

3.4 When the applied tensile force measurement tension value increased from 75% of rated breaking strength of the rope predetermined value, the rate of increase in the length of the rope.

3.5 It has good electrical insulating properties in a dry state or a rope made of natural fiber materials made of synthetic materials.

3.6 Materials made of natural fibers or synthetic fibers material, specially moisture treatment under high humidity conditions still have good electrical insulation Can the ropes.

3.7 High-strength synthetic material, compared with the conventional strength of the

insulating rope breaking strength increased more than 1 times the insulation ropes.

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