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

GB/T 2900.55-2016

Replacing GB/T 2900.55-2002

Electrotechnical terminology -- Live working

电工术语 带电作业

(English Translation)

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Foreword

GB/T 2900 "Electrical terminology" consists of many parts.

This part is part 55 of GB/T 2900.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part of the replacement of GB/T 2900.55-2002 "electrical terminology live operation", compared to its main technical changes are as follows.

Insulation Hand Tools, Blend Hand Tools, Assembling Apparatus, Bypass Equipment, Insulated Holder Insulation ladder, clamping clamp, traction equipment, live cleaning equipment, conductive shoes, testing devices, grounding short-circuit devices, electrical hazards, operating guard 18 terms.

This part uses the translation method equivalent to the use of IEC 60050-651.:2014 "international electrical lexed live operation".

The term entry numbers in this section are consistent with IEC 60050-651.:2014.

This part is presented by the National Electrotechnical Standardization Technical Committee (SAC/TC232).

This part of the National Electrical Engineering Standardization Technical Committee and the National Standardization Technical Committee of live work together.

This part of the drafting unit. in the machine productivity promotion center, China Electric

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This part of the previous version of the standard to replace the release of the situation.

--- GB/T 2900.55-2002.

Electrician term live work

1 Scope

This part of GB/T 2900 specifies the terms and definitions of live field technology.

This section applies to the technical field associated with live work.

2.1 General terms

651-21-01

Live work;

The staff members are in contact with the live part of the work, or any part of the staff's body or the tools, devices and equipment used Work in the area.

Note 1: Examples of live operations include replacement of insulators, spacer rods, cleaning of insulators and live parts, and replacement of other components.

Note 2: The methods used for live operation, such as insulated rod operation, insulated glove operation, equipotential operation.

Note 3: This entry is numbered 651-01-01 in IEC 60050-651.:1999 and this entry has been revised to clarify the concept of live work.

651-21-02

Live part of the working part of the working part of the working in the vicinity of energized parts the staff's body or the use of tools or any other objects into the adjacent area, but has not yet entered the live work area of the operation.

Note: This entry is numbered 651-01-02 in IEC 60050-651.:1999 and this entry has been revised to clarify the concept of live work.

651-21-03

Live work area live working zone the space surrounding the live part is reduced by the following measures. Only skilled workers are allowed to enter, Hold the proper air pitch and use live work tools.

Note 1: This distance refers to the outer boundary from the live part to the live area, which is greater

than or equal to the electrical distance and man-machine operating distance at the maximum rated voltage Sum.

Note 2: Live operating areas and special precautions are generally determined by country or company procedures.

Note 3: This entry is numbered 651-01-06 in IEC 60050-651.:1999 and this entry has been revised to clarify the concept of live work.

651-21-04

Proximity zone

Close to the limited space in the live area, take specific precautions to prevent access to live areas.

Note 1: There is a risk of electric shock to the live area.

Note 2: The outer boundary of the neighboring area and the specific precautionary measures are generally governed by the rules of the State or the company.

Note 3: This entry is numbered 651-01-07 in IEC 60050-651.:1999 and has been revised to provide additional precautions for taking precautionary measures in adjacent areas detail.

651-21-05

Insulated pole operation hotstickworking the operator and the live parts to maintain a certain distance, with the insulation rod for live operations.

Note: This entry is numbered 651-01-09 in IEC 60050-651.:1999 and the English "liveparts" is replaced by "energizedparts".