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

GB/T 16895.25-2022

**Low voltage electrical installations - Part 7-711: Requirements
for special installations or locations - Exhibitions, shows and
stands**

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2017 (IEC 60364-4-41.2005 IEC 60364-4-41.2005/AMD1.2017), IDT]

foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents" drafted.

GB/T 16895 "Low-voltage electrical installations" has released 5 parts, of which Part 4, Part 5 and Part 7 are divided into several sub-sections

part.

- Part 1. Basic principles, general characteristics evaluation and definitions;
- Part 4. Safety protection;
- Part 5. Selection and installation of electrical equipment;
- Part 6. Inspection;
- Part 7. Requirements for special installations or locations.

This document is subpart 7-711 of GB/T 16895 "Low-voltage electrical installations". Part 7 of GB/T 16895 has issued the following subsections

part.

- Low-voltage electrical installations Part 7-701. Requirements for special installations or places with bathtubs or showers;
- Low-voltage electrical installations Part 7-702. Requirements for special installations or locations Swimming pools and fountains;
- Building electrical installations Part 7-703. Requirements for special installations or locations for rooms and small rooms with sauna heaters;
- Low-voltage electrical installations Part 7-704. Requirements for special installations or

sites Electrical installations for construction and demolition sites;

--- Low-voltage electrical installations Part 7-705.Requirements for special installations or locations for agricultural and horticultural facilities;

--- Low-voltage electrical installations Part 7-706.Conductive places with restricted activities required for special installations or places;

--- Building electrical installations Part 7-710.Requirements for special installations or locations for medical locations;

--- Low-voltage electrical installations Part 7-711.Requirements for special installations or places for exhibitions, displays and exhibition areas;

--- Low-voltage electrical installations Part 7-712.Requirements for special installations or locations Solar photovoltaic (PV) power systems;

--- Building electrical installations Part 7-713.Requirements for special installations or premises furniture;

--- Low-voltage electrical installations Part 7-714.Requirements for special installations or locations Outdoor lighting installations;

--- Building electrical installations Part 7-715.Requirements for special installations or locations Extra-low voltage lighting installations;

--- Building Electrical Installations Part 7-717.Mobile or transportable units required for special installations or locations;

--- Low-voltage electrical installations Part 7-722.Requirements for special installations or locations for electric vehicle power supply;

--- Electrical installations in buildings - Part 7-740.Requirements for special installations or places - Structures, entertainment in playgrounds and circuses

facilities and sheds;

--- Low-voltage electrical installations Part 7-753.Requirements for special installations or locations Heating cables and buried heating systems.

This document replaces GB/T 16895.25-2005 "Electrical installations in buildings - Part 7-711.Requirements for special installations or locations"

Exhibition halls, showrooms and booths", compared with GB/T 16895.25-2005, except for structural adjustment and editorial changes, the main technical changes

as follows.

--- Changed the terms "display", "exhibition area", "temporary building", "temporary electrical installation power receiving point" and definitions (see 711.3.2, 711.3.3,

711.3.4, 711.3.6, 711.2.2, 711.2.3, 711.2.4, 711.2.6 of the.2005 edition), the terms "exhibition", "temporary electrical

"Pneumatic installation" definition (see 711.3.1, 711.3.5, 711.2.1, 711.2.5 of the.2005 edition);

--- Changed the requirements for the nominal working voltage of temporary electrical installations (see 711.313, 711.313 of the.2005 edition), deleted the external

Environmental category (see 711.32 of the.2005 edition);

--- Added changes to the general requirements for preventing electric shock, changes to automatic power-off protection measures and extra-low voltage protection measures (see 711.410.3, 711.411.3.2.101, 711.414);

--- Changed the requirements for TN system, auxiliary equipotential bonding (see 711.411.4, 711.415, 711.413.1.3 of.2005 edition,

--- Deleted the note in "thermal effect protection" and the requirements of "insulated protective conductor" and "screening or outer shield" (see the.2005 edition of 711.42.01, 711.42.02);

--- Added "heating" requirements (see 711.422.4.101);

--- Delete the "isolation" requirements and "application of safety precautions" (see 711.462, 711.47 of the.2005 edition);

--- Added the requirement of "conforming to standards" in "Selection and installation of electrical equipment" (see 711.51.101);

--- Changed the requirements for "Wiring System", "Wiring System Type" and "Electrical Connection" (see 711.52.101, 711.521.101,

--- Added "isolation, switching and control" requirements (see 711.53);

--- Delete the provisions for motors, sockets and plugs, and low-voltage generator sets in "Other Equipment" (see 711.55.04 of the.2005 edition, 711.55.07, 711.551 and 711.56);

--- Deleted "emergency power supply" and "inspection" (see 711.56, 711.6 of the.2005 edition).

This document is equivalent to IEC 60364-7-711.2018 "Low-voltage electrical installations - Part 7-711.Requirements for special installations or locations

Exhibitions, Displays and Exhibit Areas".

The following editorial changes have been made to this document.

--- Delete Appendix A of IEC 60364-7-711.2018, because its content is for other countries to apply IEC 60364-7-711.2008

Relevant practices have nothing to do with our country.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

GB/T 16895 (all parts) proposes the safety protection of medium and low voltage electrical installations in general installations or places and special installations or places,

Selection of electrical equipment, installation requirements and inspection requirements. It has positive guiding significance for the safe use of low-voltage electrical installations.

GB/T 16895 is intended to be composed of six parts.

--- Part 1. Basic principles, general characteristics evaluation and definition. Determining safety for the design, installation and inspection of low-voltage electrical installations

Rules to avoid damage to people, livestock and property during the installation and use of low-voltage electrical installations, and to ensure that electrical installations are safe

Install and run correctly.

--- Part 4. Safety protection. Contains subsections 4-41, 4-42, 4-43, 4-44, which respectively describe the installation and use of electrical devices

The four types of electrical hazards that may be generated in the process of electric shock, thermal effect, overcurrent, voltage interference and electromagnetic interference have proposed specific safety measures.

protection requirements.

--- Part 5. Selection and installation of electrical equipment. Contains subsections 5-51, 5-52, 5-53, 5-54, 5-55, 5-56 for the purpose of

Equipment use function and installation environment, wiring system, isolation, switching and control equipment, grounding configuration and protective conductor, low-voltage generator

Requirements for the selection and installation of electrical equipment, auxiliary equipment, safety facilities and other electrical equipment.

--- Part 6. Inspection. Put forward specific requirements for the preliminary inspection and periodic inspection of electrical installations, and provide long-term safe operation of the equipment.

Quality assurance.