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

GB/T 16895.13-2022

Replacing GB/T 16895.13-2012

**Low-voltage electrical installations - Part 7-701: Requirements
for special installations or locations - Locations containing a
bath or shower**

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Standardization Administration**

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Preface

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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 for Standardization Documents" drafting.

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-parts

part.

--- Part 1. Basic principles, general characteristic assessment 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 7-701 of GB/T 16895 "Low-Voltage Electrical Installations". Part 7 of GB/T 16895 has been published as

Subsection.

--- Part 7-701. Requirements for special installations or places A place with a tub or shower;

--- Part 7-702. Requirements for special installations or places Swimming pools and fountains;

--- Part 7-703. Requirements for special installations or places Rooms and cubicles equipped with sauna heaters;

--- Part 7-704. Requirements for special installations or locations Electrical installations for construction and demolition locations;

--- Part 7-705. Requirements for special installations or places Agricultural and horticultural facilities;

--- Part 7-706. Requirements for special installations or places Conductive places with

restricted activities;

- Part 7-710.Requirements for special installations or places Medical places;
- Part 7-711.Requirements for special installations or places for exhibitions, displays and exhibition areas;
- Part 7-712.Requirements for special installations or locations Solar photovoltaic (PV) power systems;
- Part 7-713.Requirements furniture for special installations or places;
- Part 7-714.Requirements for special installations or places Outdoor lighting installations;
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- Part 7-740.Requirements for special installations or places, structures, entertainment facilities and sheds in playgrounds and circuses;
- Part 7-753.Requirements for special installations or places Heating cables and embedded heating systems.

This document replaces GB/T 16895.13-2012 "Low-Voltage Electrical Installations Part 7-701.Requirements for Special Installations or Places"

Locations for Bathtubs and Showers", compared with GB/T 16895.13-2012, except for structural adjustments and editorial changes, the main technical changes are as follows.

- Changed the scope (see 701.1, 701.1 of the.2012 edition);
- Added related terms and definitions (see 701.3);
- Changed the area description (see 701.30, 701.512, 701.30, 701.512 of the.2012 edition);
- Added equipment clauses for safety protection, isolation, switching, control and monitoring (see 701.53);
- Delete the ground heating system clause (see 701.753 of the.2012 edition).

This document is equivalent to IEC 60364-7-701.2019 "Low Voltage Electrical Installations Part 7-701.Requirements for Special Installations or Locations"

Locations with bathtubs or showers".

The following editorial changes have been made to this document.

- Since Appendix A of IEC 60364-7-701.2019 is related to the application of this document

by other countries, it has nothing to do with my country. In this
deleted from the file.

Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

GB/T 16895 (all parts) Safety protection of low-voltage electrical installations, selection, installation and inspection of electrical equipment, and special equipment

The safety requirements of the location or place play a guiding role. GB/T 16895 is proposed to consist of six parts.

--- Part 1. Basic principles, general characteristics assessment and definition. The purpose is to design, install and inspect low-voltage electrical installations

Establish safety rules to avoid possible dangers to persons, domestic animals and property caused by low-voltage electrical installations in reasonable use

and damage, and ensure the normal operation of electrical installations.

--- Part 4. Safety protection. The purpose is to establish the protection against electric shock, thermal effect, overcurrent and voltage of low-voltage electrical installations.

Basic requirements for protection against harassment and electromagnetic disturbance.

--- Part 5. Selection and installation of electrical equipment. The purpose is based on the basic requirements of safety protection, to establish the

Functional requirements for long-term use and general rules suitable for external influence requirements, as well as establishment of wiring systems, isolation, switching and control

Electrical equipment, grounding configurations and protective conductors, low-voltage power generation equipment and auxiliary equipment, safety facilities and their power supply systems, etc.

Equipment selection and installation requirements.

--- Part 6. Inspection. The purpose is to establish requirements for preliminary and periodic inspections of electrical installations.

--- Part 8. Functional aspects. The purpose is to propose a proposal for the evaluation of energy efficiency (EE) in the design, installation and operation of electrical installations.

requirements, recommendations and methods.

The above-mentioned Parts 1, 4, 5 and 6 are general requirements and regulations (general parts), and generally apply to

Used in Part 7 (undated reference), but in special installations and places, Part 7 proposes to supplement, modify or replace GB/T 16895

Some provisions and requirements of Part 1, Part 4, Part 5 and Part 6.

The special requirements of this document are to supplement, modify or replace some of the general parts of GB/T 16895 that are still valid when this document is published.

some requirements. If there is no reference to a chapter, clause or clause excluding the general part, it means that the corresponding clause of the general part still applies (undated

period reference).

or replace certain requirements in effect at the time of publication.

The numbering of the clauses of this document follows the pattern of GB/T 16895 and shall be referenced accordingly. The numbers following 701 are all

The numbers of chapters, articles or clauses of the corresponding parts of GB/T 16895 indicate normative references to these documents (date references).

If additional requirements or explanations are required for other parts of the GB/T 16895 series, 701.101, 701.102,

701.103 et al. No.

If, after the publication of this document, a new or revised general part is issued with a change number, the general part referenced in this document

The clause number of the subsection may no longer be consistent with the latest version of the general part, and should be cited with a date.

Low-voltage electrical installations Part 7-701.Special installations

or place requirements for places with tubs or showers

701.1 Scope

The special requirements of this document apply to indoor or outdoor electrical installations with bathtubs and/or showers, where the bathtubs and/or

The shower is intended to be permanently installed in a specific location.

The scope of places equipped with bathtubs and/or showers is.

--- The lowest ground finish surface;

--- 3m horizontal plane above the lowest ground finish surface;

--- a vertical surrounding virtual surface at a distance of 4 m from the fixed outlet of the tub