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

GB 42297-2022

General requirements for fall protection equipment

坠落防护装备通用技术规范

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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. Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents. This document was proposed and managed by the Ministry of Emergency Management of the People's Republic of China. General technical specification for fall protection equipment

1 Scope

GB 42297-2022 is the Chinese national standard on general requirements for fall protection equipment, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 29 December 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2024. Classification: ICS 13.340.99, CCS C73. 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 document specifies the types of fall protection equipment, basic technical requirements, markings and information provided by the manufacturer. This document applies to fall protection equipment used when working at heights. This document does not apply to fall protection equipment used in sports, firefighting and other industries.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 10125 Artificial Atmosphere Corrosion Test Salt Spray Test

GB/T 12903 Personal Protective Equipment Terminology

3 Terms and Definitions

The following terms and definitions defined in GB/T 12903 apply to this document.

3.1 Work at heights workaheights Work performed at a height that may fall 2m or more from the fall height reference plane. [Source: GB/T 3608-2008, 3.1]

3.2 Protective equipment to prevent workers from falling or falling objects from heights. [Source: GB/T 12903-2008, 11.1.1]

3.3 Hanging device anchordevice Composed of one or more hanging points and components, used to connect fall protection equipment and attachments (walls, scaffolding, ground and other fixed facilities) installation. [Source: GB 30862-2014, 3.1]

3.4 Fix the position of the operator during high-altitude operations, climbing and suspension operations, prevent the operator from falling or remove the operator after a fall. A system of personal fall protection equipment for safe suspension of personnel.

Note. See Appendix A for the classification and typical composition examples of seat belts. [Source: GB 6095-2021, 3.1]

3.5 safety nets Nets used to prevent people and objects from falling, or to avoid and reduce falling and object damage.