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

GB/T 42941.1-2023

**Protective equipment for sport - Protective equipment for
martial arts - Part 1: General requirements and test methods**

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Foreword

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

Drafting.

This document is Part 1 of GB/T 42941 "Sports Protective Gear - Combat Sports Protective Gear". GB/T 42941 has released the following part.

---Part 1. General requirements and test methods.

This document is equivalent to ISO 21924-1:2017 "Combat Sports Protective Gear Part 1. General Requirements and Test Methods".

This document has made the following minimal editorial changes.

---In order to coordinate with the existing standards, the name of the standard is changed to "Sports Protective Gear - Combat Sports Protective Gear - Part 1. General Requirements and Tests"

method";

---Change "EU authorized agent" to "domestic authorized agent" to coordinate with the national standard [see Chapter 6 a), Chapter 7 b)].

Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents.

Introduction

my country is a major producer of protective gear for combat sports, but the national standards for protective gear for combat sports are still blank. To standardize combat sports in my country

The production of protective gear is in line with relevant international standards, and it is necessary to formulate national standards for protective gear for combat sports in my country.

GB/T 42941 (all parts) "Sports Protective Gear - Combat Sports Protective Gear" adopts ISO 21924 (all parts) and remains consistent. Currently

It is planned to be divided into 8 parts.

---Part 1. General requirements and test methods. The purpose is to summarize the common content of combat sports protective gear into general basic requirements.

---Part 2. Additional requirements and test methods for instep, leg and arm guards. The purpose is to supplement this type of protective gear with similar shapes.

Use requirements and test methods.

---Part 3. Additional requirements and test methods for body protection. The purpose is to supplement special requirements and tests for larger types of protective gear for protective postures

method.

---Part 4. Additional requirements and test methods for head protection. The purpose is to supplement special requirements for this type of protective gear with more important protective functions.

Sum test method.

---Part 5. Additional requirements and test methods for crotch and belly protectors. The purpose is to supplement special requirements and regulations for crotch and abdominal protective gear.

experiment method.

---Part 6. Additional requirements and test methods for women's breast protectors. The purpose is to supplement special requirements and tests for special functional protective gear

method.

---Part 7. Additional requirements and test methods for gloves and foot gloves. The purpose is to supplement special requirements and test methods for protective gear.

---Part 9. Additional requirements and test methods for martial arts Sanda head protection. The purpose is to supplement special requirements for special protective gear for martial arts and Sanda.

and test methods.

Sports protective gear, combat sports protective gear

Part 1. General requirements and test methods

Warning---Protective gear that complies with this document is intended to protect the wearer from bruises, abrasions, lacerations, fractures, and physical injuries, but is not intended to prevent

Any serious sports injury.

1 Scope

This document specifies the harmlessness, ergonomics, restraint, sizing, protective area, impact properties, marking and identification by the manufacturer of combat sports protective gear.

The information provided describes the test method.

This document is applicable to sports protective gear for Taekwondo, Karate, Kickboxing and other similar unarmed combat.

Additional requirements and test methods for specific protective gear are specified in the corresponding parts of ISO 21924.

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations

For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to

this document.

ISO 105-A02 Textiles Color Fastness Test Part A02. Gray Sample Card for Assessing Discoloration (Textiles-Tests for

Note. GB/T 250-2008 Gray sample card for evaluating discoloration in textile color fastness testing (ISO 105-A02.1993, IDT)

ISO 105-A03 Textiles Color Fastness Test Part A03. Gray Sample Card for Evaluating Staining (Textiles-Tests for

Note. GB/T 251-2008 Gray sample card for textile color fastness test and evaluation of staining (ISO 105-A03.1993, IDT)

ISO 105-E04 Tests for color fastness of textiles Part E04. Color fastness to perspiration (Textiles-Tests for colour

Note. GB/T 3922-2013 Textile color fastness test Color fastness to perspiration (ISO 105-E04:2013, MOD)

3 Terms and definitions

The following terms and definitions apply to this document.

The standardized terminology databases of ISO and IEC can be found at.

3.1

In combat sports, equipment worn on the human body is mainly used to resist external forces.

3.2

zone of protection

The minimum geometric range of protective gear that protects the wearer.