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

GB 30865.1-2014

Replacing GB/T 30865.1-2014

**Hand protection - Protective gloves against cuts and stabs by
hand knives - Part 1: Chain-mail gloves and arm guards**

手部防护 手持刀具割伤和刺伤的防护手套 第1部分：金属链甲手套和护臂

(English Translation)

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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 30865 "Hand Protection. Protective Gloves for Cuts and Punctures from Hand-held Knives". GB 30865 has been issued.

The following parts were laid out.

---Part 1: Metal Chainmail Gloves and Armguards.

This document replaces GB/T 30865.1-2014 "Hand Protection - Protective Gloves for Cuts and Punctures from Hand-held Knives - Part 1: Metallic Gloves".

Compared with GB/T 30865.1-2014, the main technical changes in "Chain Armor Gloves and Arm Guards" are as follows, except for structural adjustments and editorial modifications.

---Added terms "metal chainmail," "short-sleeved gloves," "long-sleeved gloves," "extra-long gloves," "short arm guards," and "fixation straps" (see 3.1, 3.3~).

3.6 and 3.8);

- The term "arm guard" has been removed (see 3.2 in the 2014 edition);
- The illustrations and descriptions of the design have been revised (see Chapter 4, Chapter 4 of the 2014 edition);
- The relevant content regarding the styles, technical requirements, and testing methods of rigid and plastic arm guards has been deleted (see Chapter 4 of the 2014 edition).
Chapter 6);
- General requirements have been added (see 5.1);
- The harmlessness requirement has been changed (see 5.2, 5.1 in the 2014 version);
- The technical requirements for the scope of protection have been changed (see 5.4, 5.3 in the 2014 edition);
- The sample size for each test method has been changed (see Chapter 6, Chapter 6 of the 2014 edition);
- The accuracy requirements for probe width and length in structural testing have been changed (see 6.3.1.2, 2014 version of 6.3.1.2);
- The test procedures in the structural test have been changed (see 6.3.2, 2014 version 6.3.2);
- The main body logo and the smallest outer packaging logo in the label have been changed (see Chapter 7, Chapter 7 of the 2014 edition);
- The information that manufacturers should provide has been changed (see Chapter 8, Chapter 8 of the 2014 edition).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the Ministry of Emergency Management of the People's Republic of China.

This document was first published in 2014, and this is its first revision.

Introduction

Hand protection is an important component of workplace safety. When technical measures cannot completely eliminate hazards and risks in production...

In situations involving hazardous factors, wearing hand protective equipment becomes an effective means for workers to defend against external injuries and ensure personal safety and health. Mandatory regulations should be established.

The standard for protective gloves against cuts and punctures from hand-held knives

specifies the requirements of Article 45 of the "Law of the People's Republic of China on Work Safety".

This reflects standardization. GB 30865, "Hand Protection. Protective Gloves for Cuts and Punctures from Hand-held Knives," aims to establish standards for protecting against cuts and punctures from hand-held knives.

The basic product requirements for protective gloves for injuries are proposed to consist of the following two parts.

---Part 1: Metal Chainmail Gloves and Armguards. The purpose is to clarify the technical requirements, styles, etc., of metal chainmail gloves and armguards.

---Part 2: Gloves and Armguards Made of Non-Metallic Chainmail Materials. The purpose is to clarify the types of gloves and armguards made of non-metallic chainmail materials.

Technical requirements and styles of arm guards.

Protective gloves against cuts and punctures from hand-held knives are based on standards set for specific fields, and different products use different materials and technical details.

The differences are significant; therefore, based on the differences in core materials, different documents were compiled to collectively constitute my country's protective measures against cuts and stabs from handheld knives.

A complete product standard system. In the future, based on industry development, relevant materials will be incorporated in due course to further improve my country's standards for handheld knife cuts and stabs.

A standard system for protective gloves to prevent injuries.

Hand protection against cuts and punctures from hand-held knives Gloves Part 1: Metal Chainmail Gloves and Armguards

1 Scope

This document specifies the technical requirements, markings, and information that manufacturers should provide for metal chainmail gloves and arm guards, and describes the corresponding tests.

method.

This document applies to chainmail gloves and chainmail arm guards worn for working with hand-held knives.

This document does not apply to protective gloves used in situations involving contact with high-speed rotating cutting tools, stamping operations, mixing operations, or live electrical work.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

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

This document.

GB/T 22866 Determination of Nickel Emission in Leather Hardware Fittings GB/T 28485 Determination of nickel release from coated jewelry - Wear and corrosion simulation method GB 42298-2022 General Technical Specification for Hand Protection

3 Terms and Definitions

The following terms and definitions apply to this document.

Metal chainmail

Mesh armor plates woven from individually welded small metal rings.

Note: Hereinafter referred to as "Chain Armor".

Metal chainmail gloves Gloves made of individually welded small metal rings, designed to protect against cuts and punctures caused by hand-held knives.

Note: Hereinafter referred to as "gloves".

Short-cuff gloves

Made of individually welded small metal rings, it provides protection for cuts and punctures to the hands and wrists caused by hand-held knives.

Gloves.

Long-cuff gloves

Made of individually welded small metal rings, it provides protection for cuts and punctures to the hands and forearms caused by hand-held knives.

Gloves.