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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 420-2021

Police anti-riot suit

警用防暴服

(English Translation)

Issued on: January 1, 1970 **Implemented on: January 1, 1970**

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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 of Standardization Documents" Drafting.

This document replaces GA 420-2008 "Police Riot Suits". Compared with GA 420-2008, in addition to structural adjustments and editorial changes, the main the main technical changes are as follows.

---Added terms and definitions (see 3.5~3.10);

---Changed the classification and code (see Chapter 4, Chapter 4 of the 2008 edition);

--- Changed and added general requirements (see 5.1, 5.1, 5.4, 5.5 of the 2008 edition);

--- Changed and increased appearance requirements (see 5.2, 5.2 of the 2008 edition);

--- Added color (see 5.3);

--- Changed the protection area (see 5.4, 5.6 of the 2008 edition);

--- Changed the quality (see 5.5, 5.3 of the 2008 edition);

--- Changed materials and connectors (see 5.6, 5.7 in 2008 edition);

--- Changed the impact resistance (see 5.7, 5.8 in the 2008 edition);

---Changed the energy absorption performance (see 5.8, 5.9 in the 2008 edition);

---Changed the anti-stab performance (see 5.9, 5.10 of the 2008 edition);

--- Changed the temperature adaptability (see 5.11, 5.11 of the 2008 edition);

---Change the test methods of materials and connectors (see 6.6, 6.5 in the 2008 edition);

--- Changed the impact resistance test method (see 6.7, 6.6 of the 2008 edition);

---Changed the stab resistance test method (see 6.9, 6.8 in the 2008 edition);

This document was proposed and managed by the National Police Equipment

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Standardization Technical Committee (SAC/TC561).

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1 Scope

This document specifies the classification and code, technical requirements, test methods, inspection rules, packaging, transportation and storage of police riot gear.

This document is applicable to the research and development, production, inspection and acceptance of police anti-riot clothing.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GA 68-2019 police stab-resistant clothing GA 732-2007 police uniform material nylon buckle belt GA/T 975-2019 Terminology of Police Equipment FZ65002-1995 Special industrial ropes and belts physical and mechanical properties test method

3 Terms and definitions

The following terms and definitions defined in GA 68-2019 and GA/T 975-2019 apply to this document.

A kind of equipment that can effectively resist sharp objects, sharp weapons, sticks and various non-explosive throwing objects, and has a certain flame retardant function.

[Source. GA/T 975-2019, 5.4.1] 3.2 Protectioncomponent A general term for various types of structures that effectively protect the human body.

Protection area

The effective area covered by the protective part.

Energy absorption property the ability of the anti-riot suit to absorb the kinetic energy of external impact and attenuate the external force.

Angleofknife-incidence the angle between the path of the knife piercing and the normal of

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the tangent surface of the piercing point.

Backing material

In the process of protective equipment performance testing, it is in contact with the skin of the protective layer to simulate the cement or other elastomeric materials of the human torso.

[Source. GA/T 975-2019, 5.2.3.2]

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