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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 294-2023

Replacing GA 294-2012

Police anti-riot helmets

警用防暴头盔

(English Translation)

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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.

This document replaces GA 294-2012 "Police Riot Helmets". Compared with GA 294-2012, except for structural adjustments and editorial changes, in addition, the main technical changes are as follows.

--- Added and changed normative references (see Chapter 2, Chapter 2 of the 2012 edition);

--- Added and changed terms and definitions (see Chapter 3, Chapter 3 of the 2012 edition);

--- Added and changed the classification (see 4.1, 4.1 of the 2012 edition);

--- Changed the code (see 4.2, 4.2 of the 2012 edition);

--- Changed the general requirements (see 5.1, 5.1 of the 2012 edition);

--- Changed the appearance (see 5.2, 5.2 of the 2012 edition);

--- Changed the logo (see 5.3, 5.3 of the 2012 edition);

---Changed the color (see 5.5, 5.5 of the 2012 edition);

--- Changed the size (see 5.6, 5.6 of the 2012 edition);

--- Changed the quality (see 5.7, 5.7 of the 2012 edition);

--- Changed the housing (see 5.8, 5.8 of the 2012 edition);

--- The buffer layer has been changed (see 5.9, 5.9 of the 2012 edition);

--- Changed the mask (see 5.11, 5.11 of the 2012 edition);

--- Changed the wearing device (see 5.12, 5.12 of the 2012 edition);

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--- Changed the neck guard (see 5.13, 5.13 of the 2012 edition);

---Added tactical rails (see 5.14);

--- The anti-leakage performance has been changed (see 5.15, 5.14 of the 2012 edition);

--- Increased anti-cutting performance (see 5.20);

--- Changed the flame retardant properties (see 5.21, 5.19 of the 2012 edition);

--- Changed the adaptability to climate and environment (see 5.22, 5.20 of the 2012 edition);

--- Increased coating adhesion (see 5.23);

--- The test method has been changed (see Chapter 6, Chapter 6 of the 2012 edition);

--- Changed the type inspection (see 7.2, 7.2 of the 2012 edition);

--- Added delivery inspection (see 7.3);

--- Changed the quality assurance provisions (see Chapter 8, Chapter 8 of the 2012 edition);

--- Changed the normative appendix A and appendix B (see appendix A, appendix B, appendix A of the 2012 edition);

--- Changed the normative Appendix C (see Appendix C, Appendix B of the 2012 edition);

--- Added normative Appendix D (see Appendix D).

1 Scope

This document specifies the terms and definitions, classification and code, technical requirements, test methods, inspection rules, quality Ensure regulation, packaging, transportation and storage.

This document applies to the production, inspection and acceptance of police riot helmets.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 191 Pictorial markings for packaging, storage and transportation GB/T 2428-1998 Adult head and face dimensions GB/T 5137.2-2020 Test methods for automotive safety glass Part 2: Optical properties test GB/T 5455-2014 Combustion performance of textiles -

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Determination of vertical damage length, smoldering and afterflaming time GB/T 9286-2021 Paint and varnish cross-cut test GB/T 9754-2007 Paints and varnishes - Determination of specular gloss at 20°, 60° and 85° for paint films without metallic pigments GB/T 32166.2-2015 Personal protective equipment Eye and face protection Occupational eye and face protection Part 2: Measurement methods GA 44-2015 Fire Fighting Helmet GA 270 Police uniform cap badge GA 614-2006 Police Cut Resistant Gloves GA/T 975-2019 Terminology of Police Equipment

3 Terms and definitions

The following terms and definitions apply to this document.

Police anti-riot helmet Used to protect the head and face from sharp weapons, sharp weapons, sticks and non-explosive projectiles, and to protect the neck from cutting attacks.

helmet.

[Source. GA/T 975-2019, 5.4.1.1, modified] 3.2 Shell the main structure presents the basic shape of the police riot helmet.

Buffer layer A structure placed inside the shell to reduce kinetic energy impact.

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