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GA

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

GA 443-2003

Replacing GA 443-2003

**Electrical footrope system
(English Translation)**

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Foreword

All the technical contents of this standard is mandatory.

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard was proposed by the Ministry of Public Security Prison Administration Bureau.

This standard by the Ministry of Public Security Special Police Equipment Standardization Technical Committee.

This standard replaces GA 443-2003 "electronic irons," compared with GA 443-2003 main changes are as follows.

- Modify standard name is "electronic pin buckle system";
- Terminology adds monitoring handheld terminal (see 3.2);
- Terminology adds Command Manager (see 3.3);
- Terminology increased regulatory region (see 3.4);
- Increased code (see Chapter 4);
- Remove the shock function (Version 4.6, 2003);
- Increased electronic pin buckle positioning function (see 5.5);
- Increased monitoring handheld terminal requirements (see 5.6);
- Increasing the Headquarters of the requirements (see 5.7);
- Increased electronic pin buckle positioning function test methods (see 6.5);
- Increased monitoring handheld terminal test methods (see 6.6);
- Test Method for increasing the management command center (see 6.7);
- Modify the rules for sampling (see 7.3, 6.3.2 of the 2003 edition).

This standard was drafted. Prison Ministry of Public Security Bureau, the Ministry of Public Security Special Police Equipment Quality Supervision and Inspection Center, the Liaoning Provincial Public Security Department supervision Corps, Shenyang Shen Tai Electric System Co., Ltd., Chongqing Shuai Technology Co., Ltd., Chengdu Jin-equipment limited liability company Jingjiang Sunrise Ann Anti-Engineering Co., Ltd., Beijing Ling Software Technologies Ltd..

1 Scope

This standard specifies the terms and definitions electronic pin buckle system, technical requirements, code, test methods, inspection rules, packaging, transport and Storage.

This standard applies to the development of electronic systems irons, production and testing.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB 4208-2008 shell protection (IP code) Alarm equipment environmental adaptability requirements and test methods GB/T 15211-2013 security GB/T 17626.2 Electromagnetic compatibility Testing and measurement techniques - Electrostatic discharge immunity test GB/T 18214.1-2000 Global Navigation Satellite System (GNSS) - Part 1. Global positioning system (GPS) receiver device of Test results can be standards, test methods and requirements GA 975-2012 Special Police Equipment Terminology

3 Terms and Definitions

The following terms and definitions apply to this document.

Electronic toeclip electicalfootrope Worn on the ankle, it is used to determine the position of the wearer of the electronic device.

NOTE: rewrite GA 975-2012, definitions 4.3.6.

Hand-held monitoring terminal handheldmonitoringdevice for receiving display electronic toeclip location, the handheld device alarm information.

Command Center management commandandcontrolcenter for managing electronic pin buckle and supporting the use of its equipment and software to monitor the handheld terminal.

Regulatory region supervisionarea Limited electronic toeclip wearer's activity area.

Code 4

Named electronic pin buckle system code by product name, product model code and business code composition. Wherein the product name with the code "E