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

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Public security requirements for powder actuated tools

射钉器公共安全要求

(English Translation)

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Foreword

The entire content of this standard is mandatory.

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

Please note that certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents.

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

This standard is under the jurisdiction of the National Standardization Technical Committee for Security and Alarm System (SAC/TC100).

Drafting organizations of this standard. Public Security Administration of the Ministry of Public Security, Military Products Department of China North Industries Group Corporation, Sichuan Provincial Public Security Department, Sichuan Huaqing Machinery Co., Ltd., Sichuan Nanshan Nailing Fastening Equipment Co., Ltd.

Introduction

The nail shooter in my country has been produced, inspected, packaged, transported and stored in accordance with GB/T 18763-2002. In recent years, the society has appeared There are more and more cases of using nail shooters to transform guns to endanger social public safety. In order to prevent the occurrence of problems with nail shooters transforming guns, to standardize the production, circulation and use of nail shooters, it is necessary to propose relevant technologies, signs, test methods, and safety for nail shooters in terms of public safety.

Management requirements meet the needs of social public safety management.

This standard is a supplement to GB/T 18763-2002.

Public safety requirements for nail shooters

1 Scope

This standard specifies the product classification, marking and numbering, safety technical requirements, test methods and safety management requirements of nail shooters.

This standard applies to the design, evaluation, manufacture and use of nail shooters.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 18763-2002 Nail Shooter GB/T 18981-2008 nail shot GB/T.19914-2005 Nail Projectile WJ78-1997 Light weapons interior ballistic test method and standard bullet identification method

3 Terms and definitions

The following terms and definitions defined in GB/T 18763-2002, GB/T 18981-2008 and GB.19914-2005 apply to this document, for ease of use, repeats GB/T 18763-2002 some terms and definitions below.

Nail fastener

High-strength fasteners that can be driven into hard components by the high-pressure gas generated by the combustion of gunpowder [GB/T 18763-2002, definition 3.2] 3.2 Nail shooter powderactuatedtool the high-pressure gas produced by the firing of nail bullets to burn gunpowder to push nails and other tools for operations.

[GB/T 18763-2002, definition 3.1] 3.3 Specialpowderactuatedtool the basic structure and principle of the nail shooter are used, and the nail shooter is used for special fastening operations (such as underwater fastening, steel ingot mold repair, etc.) or non-tightening Tools for fixing operations (such as barrier breaking, cutting, inspection, etc.), including but not limited to direct-acting nail shooters and high-speed nail shooters.

Piston

It is directly propelled by the gunpowder gas and transfers the energy to the nail-shooting parts.

[GB/T 18763-2002, definition 3.6] 3.5 Pistonbarrel the tubular part in which the piston is placed in the nail shooter.