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GA

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

GA 576-2005

**General technical specifications for anti-tailgating interlocked
safety doors**

防尾随联动互锁安全门通用技术条件
(English Translation)

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Foreword

The full technical content of this standard is mandatory.

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

This standard replaces GA 576-2005 "General technical conditions for anti-tailing linkage interlocking safety door", compared with GA 576-2005, except for editing in addition to the series of changes, the main technical contents are revised as follows.

- Revised the "scope" (see Chapter 1, Chapter 1 of the 2005 edition);
- Revised some terms (see 3.1, 3.2, 3.7, 2005 version 3.1~3.3);
- Added some terms (see 3.3~3.6);
- Revised the classification of anti-tailing linkage interlocking security doors (see 4.1, 2005 version 4.2.1);
- Modified the mark of the anti-tailing linkage interlocking security door (see 4.2, 4.2.2 of 2005 edition);
- Revised the anti-destructive performance requirements and test methods (see 5.1.1, 6.1.1, 2005 version 5.1.1, 6.1.1);
- Increased the requirements for ballistic performance and its test methods (see 5.1.2, 6.1.2);
- Revised the linkage interlocking requirements and test methods (see 5.1.3, 6.1.3, 5.1.2, 6.1.2 of the 2005 edition);
- Removed the self-locking function (see 5.1.5 of the 2005 version);
- Modified the emergency opening function and its test method (see 5.1.5, 6.1.5, 2005 version 5.1.6, 6.1.6);
- Modified the emergency locking function and its test method (see 5.1.6, 6.1.6, 2005 editions 5.1.7, 6.1.7);

- Revised the structure and appearance and size requirements of the door and its test methods (see 5.2.1, 5.2.3~5.2.5, 6.2.1, 6.2.3~ 6.2.5, 2005 editions 5.2.1~5.2.2, 5.2.4~5.2.6, 5.2.8~5.2.13, 6.2.1~6.2.5);
- Modified the installation requirements of the lock and its test method (see 5.2.2, 6.2.2, 5.2.3, 5.3.9 of the 2005 edition);
- Removed the strength requirements of the welded joint and its test method (see 5.2.7 of the 2005 edition);
- Revised the joint strength requirements of the door frame and the wall and its test method (see 5.2.6, 6.2.6, 2005 editions 5.2.14, 6.2.7);
- Modified the door hinge requirements and test methods (see 5.2.7 and 6.2.7, 2005 editions 5.2.16~5.2.18, 6.2.9);
- Removed the requirement for continuous power protection (see 5.3.3 of the 2005 edition);
- Modified the lock function and its test method (see 5.3.3 and 6.3.3, 2005 version 5.3.4 and 6.3.4);
- Modified the performance of mechanical anti-theft locks and its test methods (see 5.3.5 and 6.3.6, 2005 editions 5.3.6 and 6.3.6);
- Modified the requirements for the extension length of the main locking tongue (see 5.3.6, 5.3.7 of the 2005 edition);
- Increased the information recording function of the electronic control device (see 5.4.3.2);
- Increased the network transmission function of the electronic control device (see 5.4.3.3);
- Modified standby power capacity requirements (see 5.4.7, 2005 version 5.4.3.4);
- Revised environmental adaptability and its test methods (see 5.4.8 and 6.4.9, 2005 editions 5.4.4 and 6.4.5);
- Modified electromagnetic compatibility and its test methods (see 5.4.9 and 6.4.10, 2005 editions 5.4.5 and 6.4.6).

1 Scope

This standard specifies the terms and definitions, classification and marking, technical requirements, test methods, inspection rules, and the rules for the prevention of trailing interlocking safety doors.

Marking, packaging, transportation and storage.

This standard is applicable to the manufacture, inspection and acceptance of safety gates with anti-tailing linkage interlocking function.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191-2008 packaging storage and transportation icon GB/T 2828.1-2012.Sampling procedures for counting sampling - Part 1. Quantitative inspection by batches plan GB/T 4208-2008 enclosure protection grade (IP code) GB/T 15211-2013 Environmental protection requirements and test methods for safety and alarm equipment GB 16796-2009 Safety and alarm equipment safety requirements and test methods GB 17565-2007 General technical conditions for anti-theft security doors GB/T 30148-2013 Safety and alarm equipment electromagnetic compatibility immunity requirements and test methods GA/T 73-2015 mechanical anti-theft lock GA 165-2016 bulletproof transparent material

3 Terms and definitions

The following terms and definitions apply to this document.

Anti-tailing linkage interlocking safety door anti-tailgatinginterlocked safety door it consists of inner and outer door body, connecting channel, electric control device and mechanical electric lock. It has certain anti-destructive ability and is used to separate control area.

Devices with non-controlled areas that prevent unauthorized personnel from entering.

Connection channel connecting channel the closed passage connecting the inner and outer door bodies and having certain anti-destructive ability is divided into fixed wall passages and plate passages.

Integral anti-tailing linkage interlocking safety door integrated type anti-tailgatinginterlocked safety door an anti-tailing interlocking safety door that adopts a plate passage and is integrated with the inner and outer door bodies.

Split type anti-tailing linkage interlocking safety door separately anti-tailgatinginterlocked safety door the connecting channel is an anti-tailing interlocking safety door for fixing the building wall.