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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA/T 1081-2020

Specifications for security system maintenance

安全防范系统维护保养规范

(English Translation)

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Foreword

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

This standard replaces GA 1081-2013 "Safety Protection System Maintenance Specifications", compared with GA 1081-2013, except for editorial revisions in addition, the main technical changes are as follows.

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---Modified 2 terms. maintenance, unit (see 3.1, 3.4, 3.1, 3.2 of the 2013 edition);

--- Added 2 terms. preventive maintenance, predictive maintenance (see 3.2, 3.3);

---Modified the maintenance unit requirements (see 4.2, 4.2 in the 2013 edition);

---Modified the content requirements of the system maintenance plan (see 5.5, 5.5 in the 2013 edition);

--- Amend "Intrusion Alarm System" to "Intrusion and Emergency Alarm System" (see 6.2.1, Appendix A, 2013 edition of 6.2.2, Appendix A);

---Added the maintenance content and requirements of the explosion-proof safety inspection system (see 6.2.5, Appendix E);

---Modified the maintenance cycle (see 6.3, 6.3 of the 2013 edition);

---Modified the contents and requirements of the maintenance of each subsystem in the appendix (see Appendix A~Appendix D, Appendix F~Appendix J, 2013 Version of Appendix A~Appendix I).

This standard was proposed by the Science and Technology Information Bureau 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. The First Research Institute of the Ministry of Public Security, Beijing Shengxun Electronics Co., Ltd., Tongfang Vision Technology Co., Ltd., Beijing Jingzhong Shield Anmin Analysis Technology Co., Ltd.

1 Scope

This standard specifies the general requirements, work procedures, work content and requirements, and maintenance costs for the maintenance of safety protection systems Accounting and so on.

This standard applies to the maintenance work of the safety protection system.

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 reference documents, the latest version (including all amendments) is applicable to this document.

GB 15208.1-2018 Micro-dose X-ray safety inspection equipment Part 1: General technical requirements GB 15208.2-2018 Micro-dose X-ray safety inspection equipment Part 2:

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Transmissive luggage safety inspection equipment GB 15208.3-2018 Micro-dose X-ray safety inspection equipment Part 3: Transmissive cargo safety inspection equipment GB 15210 General technical specification for pass-through metal detection doors GB/T 32581 Technical requirements for intrusion and emergency alarm system GB/T 37078 Technical requirements for entrance and exit control system GB 50348-2018 Security Engineering Technical Standard GB/T 51314-2018 Data Center Infrastructure Operation and Maintenance Standard GA/T 70 Methods for the preparation of budgets for construction and maintenance of safety protection projects GA/T 644 Technical Requirements for Electronic Inspection System GA/T 670 Safety protection system lightning surge protection technical requirements GA/T 761 Technical requirements for parking garage (yard) safety management system GA/T 992 Technical requirements for entrance and exit control equipment of parking garages (yards)

3 Terms and definitions

The following terms and definitions defined in GB 50348-2018 apply to this document.

Maintenance

In order to ensure the normal operation of the safety protection system and continue to exert its preventive effectiveness, the inspection, cleaning, adjustment, debugging and failure of the system are carried out the general term for a series of activities such as equipment/component replacement, fault detection and troubleshooting, or elimination of hidden dangers, mainly including preventive maintenance, predictive Maintenance and repair etc.

Preventivemaintenance in order to reduce the probability of failure or functional degradation of the safety protection system and equipment, the implementation is carried out at predetermined time intervals or established criteria.

maintenance.

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