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GA

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 183-2005

Replacing GA 183-1998

Safety regulations for evening entertainment of fireworks and firecracker

焰火晚会烟花爆竹燃放安全规程

(English Translation)

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Foreword

The full technical content of this standard is mandatory.

This standard is a revision of GA 183-1998 "Safety Regulations for Fireworks and Firecrackers in Fireworks Show".

This standard has carried out the terms of application, qualification and safety assessment of the original standard according to the status quo and development requirements of the fireworks display.

A larger revision.

The main technical differences and changes in this standard compared with GA 183-1998 are as follows.

---The original standard is applicable to the units and personnel who apply to go abroad to undertake fireworks and firecrackers discharge engineering work, and do not meet the safety supervision.

The principle of management of the land. This standard expressly applies to the holding of fireworks show fireworks in the territory of the People's Republic of China.

Units and personnel of firecracker discharge operations.

--- The original standard stipulates that the units engaged in the fireworks and firecrackers discharge project of the fireworks show should obtain permission from the public security organs at or above the provincial level.

The fireworks display will be approved by the people's government at or above the county level, and the fireworks operation plan must be approved by the public security organs at or above the county level.

The principles and requirements for administrative licensing are not in conformity. This

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standard does not deal with the provisions of the relevant administrative license.

--- The original standard stipulates that the professional technicians who bear the fireworks show are too general and the number of people is low. This standard is clear professional the research direction of technicians is related to engineering technology, arts and crafts, etc., and the number of professional and technical personnel has been increased. this in addition, in order to improve the technical content of the discharge, promote technological innovation, and ensure the safety of discharge, this standard stipulates that the A and B fireworks will be burned.

Units that discharge engineering operations shall have computer-controlled discharge equipment and equipment.

--- The original standard does not stipulate the responsible body for the formulation of technical design plans, organizational implementation plans and organizational safety assessment. This standard specifies the technique the design plan is the responsibility of the operation unit, and the organization implementation plan is the responsibility of the organizer. The safety assessment is sponsored by the organizer or the organizer.

Organize intermediary organizations.

--- According to the development of the discharge technology, this standard has made adjustments and modifications to the relevant technical parameters in the appendix.

Appendix A, Appendix B and Appendix C of this standard are informative annexes.

This standard is proposed and managed by the Public Security Administration of the Ministry of Public Security.

This standard was drafted. Public Security Administration of the Ministry of Public Security, Liuyang Export Fireworks Factory of Hunan Province, Fireworks Factory of Tonglu County, Zhejiang Province, Li Duyan of Jiangxi Province Flower Group Co., Ltd., Guangzhou Aoyun Fireworks Art Lighting Co., Ltd.

1 Scope

This standard specifies the scale, qualification, technical design and organization implementation plan, safety assessment and safety of fireworks and firecrackers.

Provisions have been made for vigilance and safety management.

This standard is applicable to units and personnel who hold and carry out fireworks and firecrackers in the fireworks display in the territory of the People's Republic of China.

This standard also applies to fireworks display operations held during the day.

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2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB 10631-2004 Fireworks and firecrackers safety and quality GB 11652-1989 Fireworks and Firecrackers Labor Safety Technical Regulations

3 Terms and definitions

The following terms and definitions apply to this standard.

For the festivals, celebrations and other events, the party is mainly composed of fireworks, combination fireworks, shelf fireworks and so on.

4 Scale

4.1
According to the nature, scale and types, quantity and specifications of the fireworks and firecrackers held by the fireworks show, they are divided into three levels. A, B and C.

4.2
A class that meets one of the following conditions.

a) fireworks show for national or international events;

b) The maximum diameter of the fireworks shell fired is 305mm (12");

c) The diameter of the fireworks that are fired is greater than or equal to 102mm (4"), and the number is greater than or equal to 2000 rounds.

4.3
One of the following conditions is Class B.

a) fireworks show for provincial-level events;

b) The diameter of the fireworks that are fired is greater than or equal to 178mm (7") and less than 305mm (12");

c) The diameter of the fireworks displayed is greater than or equal to 102mm (4"), and the number is greater than or equal to 1000 rounds and less than 2000 rounds.

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4.4
One of the following conditions is Class C.

a) fireworks show for large-scale events at the city level;

b) The diameter of the fireworks displayed is greater than or equal to 102mm (4") and the number is less than 1000 rounds.

5 Qualification

5.1
The unit that undertakes the A-level fireworks show discharge project shall meet the following conditions.

a) have corporate legal person conditions;

b) Practical experience in design and operation of fireworks display engineering with Class B and above;

c) There shall be no less than 3 relevant technical and technical personnel, such as engineering technology and arts and crafts with senior technical titles, with intermediate technical posts.

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