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Perform site safety technical standards. Part 2: Temporary perform site safety technical standards for stage and stand

演出场所安全技术要求 第2部分：临时搭建演出场所舞台、看台安全技术要求

(English Translation)

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Foreword

"Safety requirements for performance venues", "Safety management standards for performance venues", "Safety procedures for performance venues", "Safety conditions for performance venues" Therefore, the disaster emergency plan "together constitute a series of safety standards for performance venues.

"Safety requirements for performance venues" The following seven parts are proposed.

- Part 1. Safety rules for performance venues;

- Part 2. Temporary construction of the stage, stage safety technical requirements;

- Part 3. Technical requirements for stage mechanical safety;

- Part 4. Stage lighting safety technical requirements;

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- Part 5. Stage audio safety technical requirements;

- Part 6. Safety requirements for choreography;

Part 7. Technical requirements for theater craft safety.

This standard is Part 2 of the Safety Technical Requirements for Performance Venues.

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 and GB/T.20000.4-2003.

Some of the contents of this standard may involve patents, and the issuing bodies of this standard are not responsible for identifying these patents.

This standard is proposed by the Ministry of Culture of the People's Republic of China.

This standard is responsible for drafting units. China Arts and Technology Research Institute, Shanghai Performance Industry Association.

This standard participates in the drafting unit. Shanghai Chuanglian Stage Design Consultant Co., Ltd., Shanghai Wenmao Acousto-optic System Integration Co., Ltd., Shanghai Dance Taiwan Institute of Technology, China Stage Art Institute.

Introduction

In recent years, the temporary increase in performance activities, the temporary stage, the scale of the stands, the complexity of the ever-changing, security risks with the increase. According to the 2005 People's Republic of China State Council Decree No. 439 "business performance management regulations", in 2009 the Chinese People's Republic of China and the Ministry of Culture promulgated the "Regulations on the implementation of business performance regulations" and the 2007 People's Republic of China State Council Decree No. 505 "large Mass activities safety management regulations, "the requirements, in order to protect our temporary construction venues safe operation, to promote the safety of performance activities Education, improve safety awareness, eliminate security risks, to avoid common safety accidents, reduce the temporary performance of the venue of the accident rate, the standard the stage for the temporary construction of the stage, the stands set the safety technical requirements. This standard provides technical support for the implementation of relevant laws and regulations Support for China's cultural market safety supervision provides a basis for China's temporary construction venues to fill the safety standards to fill the blank, for the preparation of the provisional when the construction site safety management standards, safe work standards laid the foundation; the same time, for our temporary construction venues safety standards and Asian regional standards, the convergence of international standards laid the foundation.

"Temporary construction of the venue stage, bleachers safety technical requirements" is "performance venues safety technical requirements" part. On the one hand, temporary

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There are many special safety technical requirements that are different from those of the theater. On the other hand, the " Technical requirements "too much content, coverage is too large, is not conducive to the standard system. Therefore, this standard is mainly for temporary construction of special places Safety and technical requirements to make provisions, including the stage technology, stage machinery, stage lighting, stage sound of the special safety technical requirements.

The compiling group investigated the temporary construction stage, the production and installation process of the stands, and sampled and analyzed some of the temporary construction sites at home and abroad.

Accident case, summed up the practical experience, with reference to foreign standards, in a wide range of comments on the basis of the preparation of the standard.

According to the case of safety accident analysis, the main types of security incidents are. stage tilt, collapse accident; bleachers accident; large-scale multimedia as Frequency equipment collapse accident; fire; cast staff fall accident; performance accident 1) and so on.

1) "performance accident" refers to the stage during the stage lighting, sound, machinery, video, special effects, props, performances, supervision and other abnormal activities occurred.

According to the relevant laws and regulations, the provisions of security, mainly for personal, property, environment or their collection of security. Personal safety included Personal health and safety of life; property safety, including the performance of special equipment and facilities quality assurance; environmental security, including the natural environment and the original facilities from the harm; set security, including personal life, health, performance equipment, the environment caused by comprehensive security. Performance safety belongs Set security.

This standard for personal safety, property safety, environmental safety, security and other standard set of standards, for the stage, the stands of tilt, collapse, personnel Drop, equipment damage and other accidents often make the appropriate security technical requirements.

The safety technical requirements of this standard for the stage, stands temporary structures, equipment, dismantling and performance process is essential, but this standard of the safety requirements can not replace security education, preventive measures and safety supervision and other security work.

If the standard is found to be modified and supplemented during the implementation process, please send the opinions and relevant information to the China Arts and Technology Research Institute Cultural Standards Research Center (Dongcheng District, Beijing Guangqumen South Street International 1-2-20, Post Code. 100061, Tel.

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010-67179819, Email. bz_yks@126.com) for revision.

Safety requirements for performance venues Part 2. Temporary construction of the stage, stage Safety technical requirements

1 Scope

This standard stipulates the technical requirements for the safety of technical requirements for the construction of the stage, the structure of the stands, the anti-overturning, the performance process, Temporary construction of the venue of the stage equipment safety, electrical safety of the special requirements to make provision.

This standard applies to the square, sports venues, exhibition halls, shopping malls, hotels, factories, parks, scenic spots and other temporary venues.

This standard applies to the temporary stage of the venue, the design, installation,, dismantling, rehearsal, performance and other processes.

This standard does not include the stage equipment (including stage lighting, stage sound, stage machinery, stage screen, stage equipment, etc.) safety technical requirements.

This standard does not apply to the occurrence of local meteorological disasters.

Note: Special requirements refer to the general requirements that differ from the venues and other venues, and only exist or may appear in the temporary installation of the safety technical requirements.

2 Normative reference documents

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

GB 7000.217 Lamps - Part 2-17. Particular requirements Stage lighting, television, film and photography (indoor and outdoor) lamps GB 17625.1 Electromagnetic compatibility limit Harmonic current emission limit (device input current per phase <= 16A) Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment GB 17743 GB 19517 National electrical equipment safety technical specifications WH/T 17 Stage lighting Single-phase three-pole plug socket and coupler type Basic parameters and dimensions WH/T 27 stage mechanical acceptance testing procedures Safety of Equipment on Stage of WH/T 28-2007 Stage Requirements for safety of stage equipment under stage equipment

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