Singapore Standards Council

CP 88 : Part 2 : 2001
(ICS 29.260.10)

SINGAPORE STANDARD

Code of practice for temporary electrical installations

– Part 2 : Festive lighting, trade-fairs, mini-fairs and exhibition sites

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Enterprise Singapore

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This Singapore Standard was approved by the Electrical Industry Practice Committee on behalf of the Standards Council of Singapore on 24 September 2001.

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The Electrical Industry Practice Committee appointed by the Standards Council consists of the following members:

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The Technical Committee on Temporary Electrical Installations appointed by the Electrical Industry Practice Committee and responsible for the preparation of this Part of the Code consists of representatives from the following organisations:

		Name	Organisation
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Secretary	:	Ms Gena Teo	*Singapore Productivity and Standards Board*
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The Working Group appointed by the Technical Committee to assist in the preparation of this standard consists of the following members:

		Name	**Organisation**
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Secretary	:	Ms Gena Teo	*Singapore Productivity and Standards Board*
Members	:	Mr Lim Ah Hee	*Housing & Development Board*
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Foreword

This Part of the Singapore Standard CP 88 was prepared by the Technical Committee on Temporary Electrical Installations under the direction of the Electrical Industry Practice Committee.

Temporary electrical installations for festive lighting, trade-fairs, mini-fairs and exhibition sites such as bazaar, exposition and decorative lighting installation erected in conjunction with festive, religious or commercial events, are becoming increasingly common. This Code has been prepared to meet the need. It is drawn up to supplement the general requirements of Singapore Standard CP 5 – 'Electrical installations' and includes recommendations with regard to inspection, testing and maintenance.

In preparing this Code, reference was made to the IEC 60364-7-740 – 'Electrical installations of buildings, Part 7 : Requirements for special installations or locations, Section 740 : Temporary electrical installations for structures, amusement devices and booths at fairgrounds, amusement parks and circuses' and SS 263 – 'Specification for luminaires, Part 10 : Particular requirements for lighting chains'.

The Technical Committee on Temporary Electrical Installations would also like to acknowledge the contribution of an initial draft by the Technical Committee on Festive Lighting.

NOTE – Temporary electrical installations other than that for festive lighting, trade-fairs, mini-fairs and exhibition sites may be covered in other parts of this Code.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

Code of practice for temporary electrical installations – Part 2 : Festive lighting, trade-fairs, mini-fairs and exhibition sites

1 General

1.1 Scope

This Part of the Code deals principally with outdoor electrical installation set up for the provision of electricity supply for :

(a) trade-fairs or mini-fairs;

(b) exhibition;

(c) amusement park;

(d) decorative lighting in public place; or

(e) any outdoor electrical installation set up for festive, religious or commercial event accessible to the public.

It specifies the minimum electrical installation requirements to facilitate the safe design, installation and operation of mobile and temporarily installed electrical machines and structures, which incorporate electrical equipment. The machines and structures are intended to be installed repeatedly, without loss of safety, temporarily or permanently, at fair/exhibition sites, amusement parks or any other similar sites.

This Code does not cover decorative lighting within domestic premises as the requirement is provided by Singapore Standard CP 5.

However, some temporary installations may receive supplies at voltages higher than 1000 V, such parts of the installations are outside the scope of this Part of the Code.

Discharge lighting installation operating at high voltage for the purpose of decoration is also outside the scope of this Code.

This Code does not apply to the electrical equipment of machines.

NOTE – The titles of the publications referred to in this standard are listed at the end of the standard.

1.2 Object

The object of this Code is to ensure safety, especially protection against electric shock in the use of electricity in outdoor electrical installations, typically for festive lighting, trade-fairs, mini-fairs and exhibition sites, which are in open areas easily accessible by the public and subject to environmental conditions.

This Code is drawn up to supplement the general requirements of Singapore Standard CP 5.

The requirements of this Code are given in general terms, and will normally need to be supplemented by the advice of skilled persons as defined in 2.7.

1.3 Relationship with statutory regulations

This Code is to be implemented in conjunction with other statutory requirements currently in force in the Republic of Singapore and should there be any conflicting requirements in the Acts and Regulations, clarification should be sought from the relevant bodies administering the Acts and Regulations.

1.4 Use of established materials, equipment and methods

Although Singapore Standards and International Electrotechnical Commission or IEC have been adopted in this Code for materials, appliances and components used in the installations, other equivalent national or international standards not inferior to any of them may be accepted.