

MAURITIAN
STANDARD

MS ISO
28564-1:2010

First edition
2014-01-18

**Public information guidance
systems —**

**Part 1: Design principles and
element requirements for location
plans, maps and diagrams**

ICS 01.080.10



Mauritius Standards Bureau

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National foreword

This Mauritian Standard is identical with the International Standard **ISO 28564-1:2010** - *Public information guidance systems — Part 1: Design principles and element requirements for location plans, maps and diagrams*. It was adopted by the Mauritius Standards Bureau in 2013 on the recommendation of the **Mechanical Engineering Standards Committee** through its Subcommittee on **Graphical Symbols** and approved by the **Standards Council** on **04 December 2013**. It was notified in the Government Gazette on **18 January 2014***.

For the purpose of this standard the following change should be made:

the words 'International Standard' should be replaced by 'Mauritian Standard'
The following Mauritian Standard is identical to the International Standard, which is referenced in the adopted standard:

International Standard

Corresponding Mauritian Standard

ISO 3864-1:2011, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

MS ISO 3864-1:2011, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

ISO 3864-3, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*

MS ISO 3864-3, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*

ISO 17724, *Graphical symbols - Vocabulary*

MS ISO 17724, *Graphical symbols – Vocabulary*

* **General Notice No 90 of 2014**



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*Mauritius Standards Bureau
Villa Road
Moka, Mauritius*

*Telephone + (230) 433 3648
+ (230) 433 5051/ 433 5150
E-mail msb@intnet.mu*

Public information guidance systems —
Part 1:
Design principles and element
requirements for location plans, maps
and diagrams

Systèmes de guidage destinés à l'information du public —

*Partie 1: Principes de conception et exigences pour éléments de plans,
cartes et diagrammes de situation*



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PREVIEW



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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 28564-1 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 1, *Public information symbols*.

ISO 28564 consists of the following parts, under the general title *Public information guidance systems*:

- *Part 1: Design principles and element requirements for location plans, maps and diagrams*
- *Part 2: Design principles and element requirements for directional and location signs* (under preparation)

Additional parts will be developed in due course.

Introduction

Continued growth in travel and mobility within and between countries has generated a growing range of wayfinding sign systems and styles containing a wide variety of information. Such sign systems serve various purposes, such as enabling the users to

- understand the range of facilities and points of interest present,
- understand the physical relationship of those facilities and points of interest to each other, and
- determine the best way to reach a required facility or point of interest given their mobility circumstances.

This part of ISO 28564 is concerned with location plans, maps and diagrams used to support wayfinding.

The principle of this part of ISO 28564 is that users of location plans, maps and diagrams should be able to assimilate required information quickly and accurately. It is not the intention to limit design freedom unnecessarily, but to set guidelines and, where appropriate, specifications that reflect the considerable volume of research that has been carried out on their design and use.

Although location plans, maps and diagrams can provide comprehensive guidance information, some people have difficulty interpreting them. Where appropriate, they should therefore be used in support of directional and location signs as part of an integrated wayfinding system.

PREVIEW

Public information guidance systems —

Part 1:

Design principles and element requirements for location plans, maps and diagrams

1 Scope

This part of ISO 28564 specifies requirements and principles for the design and application of location plans, maps and diagrams used in public areas and workplaces to assist users to understand the environment, locate facilities and determine appropriate routes to reach those facilities. These location plans, maps and diagrams are referred to as location plans in this part of ISO 28564.

Location plans are intended for use in, for example, shopping centres, stores, hospitals, bus and train stations, airports, sporting and entertainment complexes, urban areas, parks, gardens and countryside, public attractions, museums and office complexes.

This part of ISO 28564 is not applicable to the design of escape plans, nor does it cover the design of directional and location wayfinding signs.

NOTE The design of escape plans is covered in ISO 23601.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3864-1, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

ISO 3864-3, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*

ISO 7001:2007, *Graphical symbols — Public information symbols*

ISO 7010, *Graphical symbols — Safety colours and safety signs — Registered safety signs*

ISO 9186-1, *Graphical symbols — Test methods — Part 1: Methods for testing comprehensibility*

ISO 17724, *Graphical symbols — Vocabulary*

ISO 22727, *Graphical symbols — Creation and design of public information symbols — Requirements*