

Dit document mag slechts op een stand-alone PC worden geïnstalleerd. Gebruik op een netwerk is alleen toestaan als een aanvullende licentieovereenkomst voor netwerkgebruik met NEN is afgesloten.
This document may only be used on a stand-alone PC. Use in a network is only permitted when a supplementary license agreement for us in a network with NEN has been concluded.



Nederlandse norm

NEN-ISO 22727

(en)

Graphical symbols - Creation and design of
public information symbols - Requirements (ISO
22727:2007, IDT)

ICS 01.080.10
november 2007

Als Nederlandse norm is aanvaard:

- ISO 22727:2007, IDT

VOORBEELD
Preview

Normcommissie 302 145 "Grafische symbolen"

Apart from exceptions provided by the law, nothing from this publication may be duplicated and/or published by means of photocopy, microfilm, storage in computer files or otherwise, which also applies to full or partial processing, without the written consent of the Netherlands Standardization Institute.

The Netherlands Standardization Institute shall, with the exclusion of any other beneficiary, collect payments owed by third parties for duplication and/or act in and out of law, where this authority is not transferred or falls by right to the Reproduction Rights Foundation.

Auteursrecht voorbehouden. Behoudens uitzondering door de wet gesteld mag zonder schriftelijke toestemming van het Nederlands Normalisatie-instituut niets uit deze uitgave worden verveelvoudigd en/of openbaar gemaakt door middel van fotokopie, microfilm, opslag in computerbestanden of anderszins, hetgeen ook van toepassing is op gehele of gedeeltelijke bewerking.

Het Nederlands Normalisatie-instituut is met uitsluiting van ieder ander gerechtigd de door derden verschuldigde vergoedingen voor verveelvoudiging te innen en/of daartoe in en buiten rechte op te treden, voor zover deze bevoegdheid niet is overgedragen c.q. rechtens toekomt aan de Stichting Reprorecht.

Although the utmost care has been taken with this publication, errors and omissions cannot be entirely excluded. The Netherlands Standardization Institute and/or the members of the committees therefore accept no liability, not even for direct or indirect damage, occurring due to or in relation with the application of publications issued by the Netherlands Standardization Institute.

Hoewel bij deze uitgave de uiterste zorg is nagestreefd, kunnen fouten en onvolledigheden niet geheel worden uitgesloten. Het Nederlands Normalisatie-instituut en/of de leden van de commissies aanvaarden derhalve geen enkele aansprakelijkheid, ook niet voor directe of indirecte schade, ontstaan door of verband houdend met toepassing van door het Nederlands Normalisatie-instituut gepubliceerde uitgaven.

Copyright
Preview

**Graphical symbols — Creation and
design of public information symbols —
Requirements**

*Symboles graphiques — Création et conception des symboles destinés
à l'information du public — Exigences*



Reference number
ISO 22727:2007(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

Copyright
Preview

**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

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

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Creation procedure.....	2
4.1 Preliminary phase.....	2
4.2 Creation phase.....	2
5 Assignment of meaning, function and image content to the public information symbol.....	3
6 Design of the graphical symbol.....	4
6.1 General.....	4
6.2 Use of template.....	5
6.3 Line width.....	5
6.4 Image content.....	6
6.5 Combination of graphical symbols or graphical symbol elements.....	6
6.6 Standardized representations of symbol elements.....	7
6.7 Characters.....	8
6.8 Negation.....	8
7 Layout of templates.....	10
7.1 Public information symbols without negation bar.....	10
7.2 Public information symbols with negation bar.....	11
Annex A (informative) Colour and file format.....	12
Annex B (informative) Additional design guidelines.....	13
Annex C (informative) Representation of the human figure.....	16
Annex D (informative) Representation of a body of water.....	22
Annex E (informative) Checklist for designers.....	23
Bibliography.....	25

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 22727 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 1, *Public information symbols*.

Copyright
Preview

Introduction

A graphical symbol is defined as a visually perceptible figure used to transmit information independently of language. Public information symbols are used to convey specific messages, the understanding of which is independent of specialist or occupational training. Consistency in the design of such symbols for use in a particular situation or in similar situations is important, as is comprehensibility. Thus, there is a need to standardize the principles for creating and designing public information symbols to ensure visual clarity, to maintain consistency and thereby to improve recognition.

Copyright
Preview

Voorbereid
Preview

Graphical symbols — Creation and design of public information symbols — Requirements

1 Scope

This International Standard specifies requirements for the creation and design of public information symbols. It specifies requirements for the design of public information symbols for submission for registration as approved public information symbols, including line width, the use of graphical symbol elements and how to indicate negation. It also specifies templates to be used in the design of public information symbols.

It is for use by all those involved in the commissioning and the creation and design of public information symbols.

This International Standard is not applicable to safety signs, including fire safety signs, or to traffic signs for use on the public highway.

Examples are given for illustrative purposes only and do not constitute requirements for particular public information symbols.

NOTE 1 Safety signs, including fire safety signs, are covered by ISO 7010.

NOTE 2 Existing public information symbols are specified in ISO 7001.

NOTE 3 The illustrations in this International Standard are as accurate as possible within the limitations of the printing process.

NOTE 4 Recommendations on colour and file format are given in Annex A, additional design guidelines are given in Annex B, Annex C and Annex D, and a checklist for designers is given in Annex E.

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 7001, *Graphical symbols — Public information symbols*

ISO 17724, *Graphical symbols — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 17724 and the following apply.

3.1

graphical symbol

visually perceptible figure with a particular meaning used to transmit information independently of language

ALTIJD DE ACTUELE NORM IN UW BEZIT HEBBEN?

Nooit meer zoeken in de systemen en uzelf de vraag stellen:
'Is NEN-ISO 22727:2007 en de laatste versie?'

Via het digitale platform NEN Connect heeft u altijd toegang tot de meest actuele versie van deze norm. Vervallen versies blijven ook beschikbaar. **U en uw collega's** kunnen de norm via NEN Connect makkelijk raadplagen, online en offline.

Kies voor slimmer werken en bekijk onze mogelijkheden op www.nenconnect.nl.

Heeft u vragen?

Onze Klantenservice is bereikbaar maandag tot en met vrijdag, van 8.30 tot 17.00 uur.

Telefoon: 015 2 690 391

E-mail: klantenservice@nen.nl

