
**Graphical symbols — Safety signs —
Safety way guidance systems (SWGS)**

*Symboles graphiques — Signaux de sécurité — Systèmes de guidage
pour cheminement d'évacuation de sécurité*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Planning a SWGS	4
5 Basic principles for the design of SWGS	5
5.1 Design objectives.....	5
5.1.1 General.....	5
5.1.2 Continuity.....	5
5.1.3 Visual reinforcement.....	6
5.1.4 Location.....	6
5.1.5 Destination.....	6
5.1.6 Avoidance of confusion at decision points.....	6
5.1.7 Dead ends.....	6
5.1.8 Minimization of potentially competing or confusing information in the visual field on escape routes.....	6
5.1.9 Multi-level facilities.....	7
5.2 Guidance lines.....	7
5.3 Escape route signs.....	7
5.3.1 Design.....	7
5.3.2 Consistency of use.....	9
5.3.3 Installed position.....	9
5.4 Signs, markings and plans.....	10
5.4.1 Marking of stairs, ramps and ladders.....	10
5.4.2 Marking of emergency exits.....	10
5.4.3 Marking of fire-fighting, emergency and safety equipment and alarm- initiating devices.....	10
5.4.4 Marking of hazards along the escape route.....	10
5.4.5 Marking of assembly areas and safe areas at the end of the escape route.....	11
5.4.6 Marking of escape routes for the specific use of disabled persons.....	11
5.4.7 Escape and evacuation plan signs.....	11
5.4.8 Access platforms.....	11
6 Specific requirements for electrically powered components	11
6.1 General.....	11
6.2 Requirements for guidance lines and escape route signs.....	12
6.2.1 Escape route sign luminaire.....	12
6.2.2 Guidance lines made by point sources and accompanying escape route signs.....	12
6.2.3 Guidance lines made by line sources and accompanying escape route signs.....	12
6.2.4 Guidance lines made of discrete luminaires.....	12
6.3 Marking.....	12
6.3.1 Marking of stairs and ramps.....	12
6.3.2 Marking of emergency exits.....	13
6.3.3 Marking of hazards along the escape route.....	13
6.4 Emergency power supply and operating conditions for the electrical components.....	13
6.5 Documentation and logbook.....	13
6.6 Inspection and maintenance.....	14
7 Specific requirements for phosphorescent components	14
7.1 General.....	14
7.2 Luminance requirements for phosphorescent components of a SWGS.....	14
7.2.1 Minimum luminance properties.....	14
7.2.2 Minimum luminance required in installed position.....	15