भारतीय मानक मसौदा

ग्राफिकल प्रतीक — सुरक्षा रंग और सुरक्षा संकेत — प्राकृतिक
आपदा सुरक्षा मार्गदर्शन प्रणाली

Draft Indian Standard

**Graphical Symbols — Safety Colours and Safety Signs — Natural
Disaster Safety way Guidance System**

ICS 01.080.20

Basic Standards Sectional Committee, PGD 01	Last date for Comments: **07 June 2025**

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 22578 : 2022 'Graphical Symbols — Safety Colours and Safety Signs — Natural Disaster Safety way Guidance System' issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on the recommendation of the Basic Standards Sectional Committee and approval of the Production and General Engineering Division Council.

This standard specifies the principles governing the design and application of signs and plans used to create a natural disaster safety way guidance system to help people evacuate to safe areas or places of refuge in case of natural disasters (e.g. tsunamis, floods, debris flows, steep slope failures, landslides, tornados, large-scale fires, active volcanoes).

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

International Standard	Corresponding Indian Standard	Degree of Equivalence
ISO 3864-1 Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings	IS 16449 (Part 1) : 2018/ISO 3864-1 : 2011 Graphical symbols — Safety Colours and safety signs — Part 1: Design principles for safety signs and safety markings	Identical
ISO 3864-3 Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs	IS 16449 (Part 3) : 2018/ISO 3864-3 : 2024 Graphical Symbols — Safety Colours and Safety Signs Part 3 Design Principles for Graphical Symbols for Use in Safety Signs	Identical
ISO 3864-4 : 2011 Graphical symbols — Safety colours and safety signs — Part 4: Colorimetric and photometric properties of safety sign materials	IS 16449 (Part 4) : 2017/ISO 3864-4 : 2011 Graphical symbols — Safety Colours and safety signs: Part 4 colorimetric and photometric properties of safety sign materials	Identical
ISO 7010 Graphical Symbols Safety Colours and Safety Signs Registered Safety Signs	IS 16451 : 2023/ ISO 7010 : 2019 Graphical Symbols Safety Colours and Safety Signs Registered Safety Signs	Identical

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 22578: 2022 or contact:

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