

इंटरनेट

मानक

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Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12349 (1988): Fire protection-safety signs [CED 36: Fire Safety]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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*Indian Standard***FIRE PROTECTION — SAFETY SIGNS**

1. Scope — This standard covers the safety signs for use in the field of fire protection and fire fighting.

2. Safety Signs

2.1 The safety signs are presented in the tabular form based on:

- a) Means of giving warning of fire and manual controls (see Table 1),
- b) Means of escape from fire (see Table 2),
- c) Means of fire fighting (see Table 3),
- d) Areas or materials of special fire risk (see Table 4), and
- e) Supplementary signs (see Table 5).

2.2 The colour red, green and yellow, shall conform to Shade No. 536, 221 and 309 of IS : 5-1978 'Colours for ready mixed paints and enamels (*third revision*)' respectively. The paint shall conform to IS : 2932-1974 'Specification for enamel, synthetic, exterior (a) undercoating, (b) finishing (*first revision*)'. The outermost dimensions of square (side), triangle (altitude), circle (diameter) shall be 125 mm and size of rectangle shall be 125 × 250 mm.

Adopted 7 June 1988

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TABLE 1 MEANS OF GIVING WARNING AND MANUAL CONTROLS

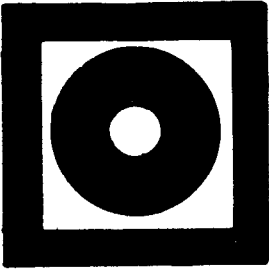
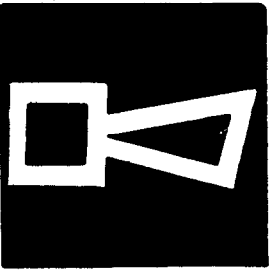

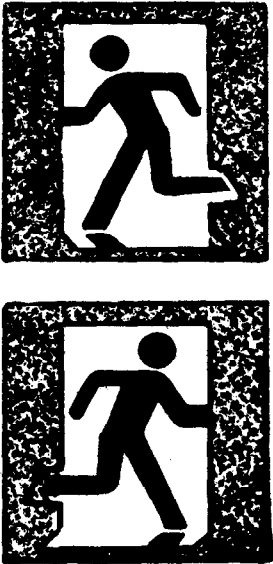
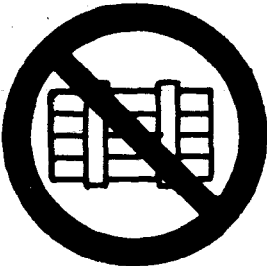
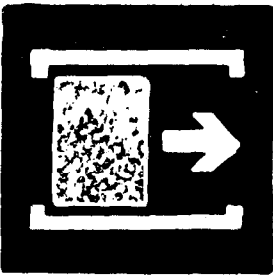
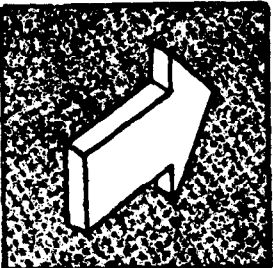
SI No.	Sign	Meaning	Shape and Colours	Comments on Use
1		Manual activating device	Square sign Background: red Symbol: white	To be used to indicate either a fire alarm call point or the manual control of a fire protection system (e.g. fixed fire extinguishing system)
2		Alarm sounder	Square Background: red Symbol: white	May be used alone or in conjunction with sign No. 1 above if the fire alarm call point actuates an audible alarm immediately perceptible to the occupants
3		Telephone to be used in emergency	Square Background: red Symbol: white	Sign to indicate, or to show the position of a telephone available for giving warning in case of emergency

TABLE 2 MEANS OF ESCAPE

SI No.	Sign	Meaning	Shape and Colours	Comments on Use
1		Emergency exit	Square Background: green Symbol: white	This sign may be used to indicate all exits which can be used in the event of an emergency. It shall be accompanied by an arrow (Sign No. 1 of Table 5) unless the door is immediately apparent. It may indicate to right or to left.
2		Do not obstruct	Round sign Background: white Symbol: black Circular band and cross bar: red	Sign to be used in situations where obstruction would present a particular danger (escape routes, emergency exits, access to fire-fighting equipment, etc)
3		Slide to open	Square Background: green Symbol: white	To be used in conjunction with sign No. 4 of this table on sliding emergency exit doors, where they are permitted. May be used in the inverse direction
4		Push to open	Square Background: green Symbol: white	This sign is to be placed on a door to indicate the direction of opening

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TABLE 2 MEANS OF ESCAPE — *Contd*

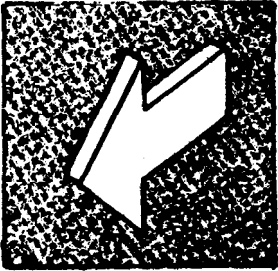

SI No.	Sign	Meaning	Shape and Colours	Comments on Use
5		Pull to open	Square Background: green Symbol: white	This sign is to be placed on a door to indicate the direction of opening
6		Break to obtain access	Square Background: green Symbol: white	The sign may be used: a) where it is necessary to break a glass panel to obtain access to a key or to a means of opening b) where it is necessary to break open a panel to create an exit.

TABLE 3 FIRE-FIGHTING EQUIPMENT

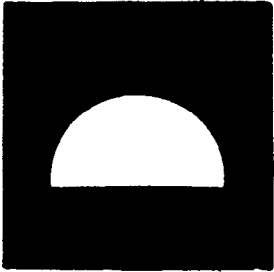

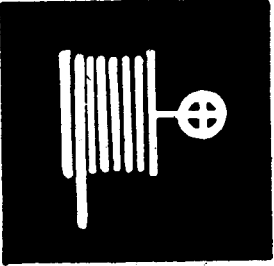
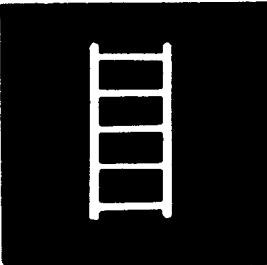





SI No.	Sign	Meaning	Shape and Colours	Comments on Use
1		Collection of fire-fighting equipment	Square Background: red Symbol: white	This sign is used to avoid proliferation of signs
2		Fire extinguisher	Square Background: red Symbol: white	
3		Fire hose reel	Square Background: red Symbol: white	
4		Fire ladder	Square Background: red Symbol: white	

TABLE 4 AREAS OR MATERIALS OF SPECIAL FIRE RISK

SI No.	Sign	Meaning	Shape and Colours	Comments on Use
1		Danger of fire — Highly flammable materials	Triangular Background: yellow Symbol: black Triangle: black	To indicate the presence of highly flammable materials
2		Danger of fire — Oxi- dizing materials	Triangular Background: yellow Symbol: black Triangle: black	
3		Danger of explosion Explosive materials	Triangular Background: yellow Symbol: black Triangle: black	To be used to indicate the possible existence of an explosive atmosphere, flammable gas or explosives
4		Water as extinguish- ing agent prohibi- ted	Round Background: white Symbol: black Circular band and cross- bar: red	To be used in all cases when the use of water on a fire is inappropriate
5		Smoking prohibited	Round Background: white Symbol: black Circular band and cross- bar: red	To be used in cases where smoking can cause danger of fire

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TABLE 4 AREAS OR MATERIALS OF SPECIAL FIRE RISK — *Contd*


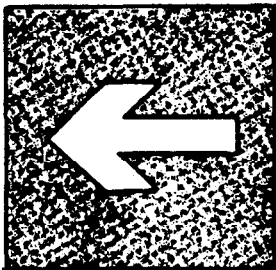
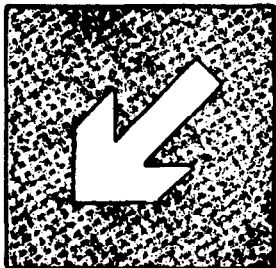
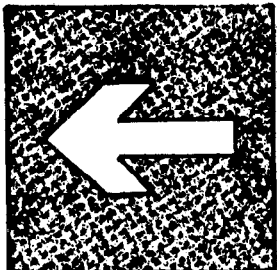
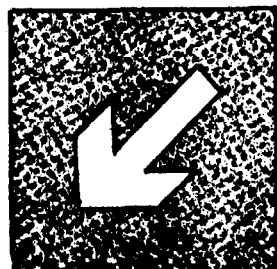
SI No.	Sign	Meaning	Shape and Colours	Comments on Use
6		No open flame — Smoking prohibited	Round Background: white Symbol: black Circular band and cross-bar: red	To be used in cases where smoking or open flame can cause danger of fire or explosion

TABLE 5 SUPPLEMENTARY SIGNS

Sl No.	Sign	Meaning	Shape and Colours	Comments on Use
1	 	Directional arrow for escape route	Square or rectangular sign Background: green Symbol: white	To be used only together with sign No. 1 of Table 2 to indicate the direction to an emergency exit
2	 	Direction of location of fire-fighting equipment or warning device	Square or rectangular sign Background: red Symbol: white	To be used only together with one of signs No. 1 to 3 of Table 1 and 1 to 4 of Table 3 to indicate the direction of location of fire fighting equipment or a warning device