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## **Powered industrial trucks — Safety signs and hazard pictorials — General principles**

*Chariots de manutention automoteurs — Signaux de sécurité et de  
danger — Principes généraux*



Reference number  
ISO 15870:2000(E)

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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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 15870 was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

Annexes A to E of this International Standard are for information only.

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# Powered industrial trucks — Safety signs and hazard pictorials — General principles

## 1 Scope

This International Standard establishes general principles for the design and application of safety signs and hazard pictorials permanently affixed to all types of industrial truck including those defined in ISO 5053. This International Standard outlines safety sign objectives, describes the basic safety sign formats and colours, and provides guidance on developing the various panels that together constitute a safety sign.

## 2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 5053:1987, *Powered industrial trucks — Terminology*

## 3 Objectives of safety signs

### 3.1 The objectives of a safety sign are

- to alert persons to an existing or potential hazard,
- to identify the hazard,
- to describe the nature of the hazard,
- to explain the consequences of potential injury from the hazard, and
- to instruct persons about how to avoid the hazard.

### 3.2 In achieving these objectives, a safety sign

- should be distinctive on the equipment,
- should be in a clearly visible location,
- should be protected to the greatest extent practicable from damage and obliteration, and
- should have a reasonably long life expectancy.

**3.3** Safety signs and hazard pictorials shall be located on the machine or in the operating service instruction manuals, as appropriate. Safety signs and hazard pictorials located on the machine shall be located near the location of the hazard or the control area to prevent the hazard.