

# INTERNATIONAL STANDARD

**ISO**  
**9942-1**

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## **Cranes — Information labels —**

### **Part 1:** General

*Appareils de levage à charge suspendue — Plaques descriptives —  
Partie 1: Généralités*



Reference number  
ISO 9942-1:1994(E)

## 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.

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.

International Standard ISO 9942-1 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 5, *Use, operation and maintenance*.

ISO 9942 consists of the following parts, under the general title *Cranes — Information labels*:

- *Part 1: General*
- *Part 3: Tower cranes*

The following parts are planned for future publication:

- *Part 2: Mobile cranes*
- *Part 4: Jib cranes*
- *Part 5: Overhead travelling and portal bridge cranes*

# Cranes — Information labels —

## Part 1: General

### 1 Scope

This part of ISO 9942 specifies the minimum requirements for labels for the identification (marking) and the operation of cranes.

### 2 Identification data

#### 2.1 Manufacturer's data

As a minimum, the following information shall figure permanently on every crane:

- Name of the supplier
- Name of the manufacturer
- Year of manufacture
- Serial number
- Model

#### 2.2 Loading data

Information on the maximum loadings (capacities) shall figure permanently on the crane and be easily legible.

This information is also required to avoid overloading; see the other parts of ISO 9942.

### 3 Information on operation of the crane by the crane driver

#### 3.1 Control installations and indicating devices

The information shall be attached where it is easily visible.

Further information shall be available in the product-specific standards.

#### 3.2 Tasks of the crane driver

Information relating to the tasks of the crane driver on or near the control installations of cranes shall include information about his tasks prior to, during and after crane operation. This shall be in the form of a permanently attached label in the cab, or at the driver's station if there is no control platform.

If there is no control platform (for example, on cranes which are controlled from the ground), the information labels shall be attached near the switching elements for the energy supply to the crane.

### 4 Information for persons within working range of the crane

In order to avoid hazards during the operation of the crane, it may be necessary to provide additional information depending on the type of crane and its operation.