

Redline version  
compares Second edition to  
First edition



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**Cranes — Crane operating manual —**

**Part 1:  
General**

*Appareils de levage à charge suspendue — Manuel à l'usage des  
opérateurs —*

*Partie 1: Généralités*

**Sample Document**

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This is a mark-up copy and uses the following colour coding:

- Text example 1 — indicates added text (in green)
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- 1.x ... — Heading numbers containing modifications are highlighted in yellow in the Table of Contents

All changes in this document have yet to reach consensus by vote and as such should only be used internally for review purposes.

### DISCLAIMER

This Redline version provides you with a quick and easy way to compare the main changes between this edition of the standard and its previous edition. It doesn't capture all single changes such as punctuation but highlights the modifications providing customers with the most valuable information. Therefore it is important to note that this Redline version is not the official ISO standard and that the users must consult with the clean version of the standard, which is the official standard, for implementation purposes.



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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.

~~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.~~ The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#)

~~International Standard ISO 9928-1 was prepared by Technical Committee~~ The committee responsible for this document is ISO/TC 96, *Cranes*, Subcommittee SC 5, *Use, operation and maintenance*.

This second edition cancels and replaces the first edition (ISO 9928-1:1990), of which it constitutes a minor revision. Notably, *driving* has been replaced by *operating* in the title and “driving”/“driver” by “operation/operator” throughout the text.

ISO 9928 consists of the following parts, under the general title *Cranes — Crane ~~driving~~ operating manual*:

- *Part 1: General*
- *Part 2: Mobile cranes*
- ~~— *Part 3: Tower cranes*~~
- ~~— *Part 4: Jib cranes*~~
- ~~— *Part 5: Over-head travelling cranes and portal bridge cranes*~~

# Cranes — Crane operating manual —

## Part 1: General

### 1 Scope

This part of ISO 9928 ~~gives guidance on~~ specifies general requirements for the contents of a crane ~~driving~~operating manual.

### 2 Normative references

The following ~~standards contain provisions which, through reference in this text, constitute provisions of this part of~~ documents, in whole or in part, are normatively referenced in this ISO 9928. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of document and ISO 9928 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 31-0:1981 4306 (all parts), ~~General principles concerning quantities, units and symbols.~~ Cranes — Vocabulary

ISO 31-3:1978, ~~Quantities and units of mechanics.~~

ISO 4306 80000-1:1990, ~~Cranes — Vocabulary~~ Quantities and units — Part 1: General:

ISO 4306 2:1985 80000-4, ~~Lifting appliances — Vocabulary~~ Quantities and units — Part 2: Mobile cranes: 4: Mechanics

ISO 4306 3: <sup>1)</sup>, ~~Cranes — Vocabulary — Part 3: Tower cranes.~~

### 3 ~~Definition~~ Terms and definitions

For the purposes of this ~~part of~~ document, the terms and definitions given in ISO 9928 4306-1, and the following ~~definition applies~~ apply.

**driver:** ~~The person who operates the crane for the purpose of positioning loads.~~

**NOTE 1** ~~For mobile cranes, the term “operator” is often used instead, and the term “driver” is then used to refer to that person who operates only those controls which move the crane from place to place.~~

#### 3.1

#### crane operator

person who operates the crane for the purpose of positioning loads

Note 1 to entry: The term *driver* is then used to refer to that person who operates only those controls which move the crane from place to place.

1) ~~To be published.~~