
Cranes — Access, guards and restraints —

Part 3:
Tower cranes

Appareils de levage à charge suspendue — Moyens d'accès, dispositifs de protection et de retenue —

Partie 3: Grues à tour



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 11660-3 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 7, *Tower cranes*.

ISO 11660 consists of the following parts, under the general title *Cranes — Access, guards and restraints*:

- *Part 1: General*
- *Part 2: Mobile cranes*
- *Part 3: Tower cranes*
- *Part 4: Jib cranes*
- *Part 5: Overhead travelling cranes and portal bridge cranes*

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Cranes — Access, guards and restraints —

Part 3: Tower cranes

1 Scope

ISO 11660-1 establishes the general requirements for access to control stations and other areas of a crane, as defined in ISO 4306-1, during normal operations, maintenance, inspection, erection and dismantling. Guards and restraints are also dealt with in general, regarding the protection of persons on or near the crane in relation to moving parts, falling objects or live parts.

This part of ISO 11660 establishes the particular requirements relating to access, guards and restraints for tower cranes as defined in ISO 4306-1.

This part of ISO 11660 is applicable to:

- dismountable tower cranes for building and general construction work,
- permanently erected tower cranes,
- hammerhead cranes,
- dockside and shipbuilders tower cranes.

It does not apply either to access to control stations and installations or to guards and restraints for:

- power-driven mobile jib cranes which may be fitted with a tower attachment,
- erection masts with or without jibs.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 11660. 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 ISO 11660 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4306-1:1990, *Cranes — Vocabulary — Part 1: General*.

ISO 11660-1:—¹⁾, *Cranes — Access, guards and restraints — Part 1: General*.

3 Definitions

For the purposes of this part of ISO 11660, the definitions given in ISO 11660-1 apply.

1) To be published.