
Cranes — Access, guards and restraints —
Part 5:
Bridge and gantry cranes

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

Partie 5: Ponts roulants et portiques



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Foreword

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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 part of ISO 11660 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 11660-5 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 9, *Bridge and gantry 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: Bridge and gantry cranes*

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Cranes — Access, guards and restraints —

Part 5: Bridge and gantry cranes

1 Scope

This part of ISO 11660 establishes the particular requirements relating to the access, guards and restraints for bridge and gantry cranes as defined in ISO 4306-1 and gives criteria for the selection of the appropriate equipment under the various conditions of use expected of the crane.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 11660. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 11660 are encouraged to investigate the possibility of applying the most recent editions of the normative documents 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 11660-1:1999, *Cranes — Access, guards and restraints — Part 1: General*.

IEC 60204-32, *Safety of machinery — Electrical equipment of machines — Part 32: Requirements for hoisting machines*.

3 Access

3.1 General

This clause deals with the operational access to bridge and gantry cranes mounted on elevated or ground runways, and with the requirements for access for the regular and emergency maintenance and repair of such cranes.

3.2 Bridge cranes in buildings or on elevated runways

3.2.1 Access to crane-access landing

Bridge and gantry cranes which are intended to have a permanent driver in the control cabs shall permit access from a permanent landing which has been fastened to the crane supporting structure.

The recommended means of access given in Table 1 shall be in accordance with the forms and dimensions given in Table 4 of ISO 11660-1:1999.