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Mobile cranes — Presentation of rated capacity charts

Grues mobiles — Présentation des tableaux de charges

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 6, *Mobile cranes*.

This second edition cancels and replaces the first edition (ISO 11661:1998), which has been technically revised.

The main changes are as follows:

— added 6.5 for manuals in electronic form;

— re-labelled items in Annex A as examples.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Mobile cranes — Presentation of rated capacity charts

1 Scope

This document specifies a standard presentation or format for mobile crane rated capacities on rated capacity charts.

It is applicable to mobile cranes fitted with boom and boom/jib combinations as defined in ISO 4306-2.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4306 (all parts), *Cranes — Vocabulary — Part 2: Mobile cranes*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in the ISO 4306 series and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
crane rating manual
collection of all *rated capacity charts* (3.2), working area definitions and diagrams, *working range diagrams* (3.3), allowable configurations, warning notes, and other information supplied by the manufacturer for crane operation

3.2
rated capacity chart
tabulation detailing a crane's lifting capacities, set-up and operational information for specific boom and boom/jib combinations, counterweight configurations, slew ranges and crane support configurations

3.3
working range diagram
side elevation view of the crane depicting the heights and radii for all allowable boom and boom/jib combinations

Note 1 to entry: It can also depict and warn about areas of instability.

3.4
working area diagram
plan (top) view of the crane depicting working areas (i.e. 360°, over side, over front) and operating limitations in these areas

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