
Cranes — Design principles for loads and load combinations —

Part 3: Tower cranes

*Appareil de levage à charge suspendue — Principes de calcul des
charges et des combinaisons de charges —
Partie 3: Grues à tour*

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Foreword

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This document was prepared by Technical Committee ISO/TC 96, *Cranes*, SC 7, *Tower cranes*.

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.

This second edition cancels and replaces the first edition (ISO 8686-3:1998) and ISO 12485:1998 which have been technically revised.

The main changes compared to the previous edition are as follows:

- integration and rules for application of ISO 8686-1;
- integration of special rules regarding the calculation of wind loads on tower cranes in the out-of-service state;
- integration of rules regarding the calculation of rigid body stability in this document;
- integration of rules regarding the calculation of loads on crane support structure;
- integration of rules for the calculation of climbing systems;
- integration of rules for the calculation of mobile self-erecting tower cranes.

A list of all parts in the ISO 8686 series can be found on the ISO website.