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**Cranes — Inspections —**

Part 3:  
**Tower cranes**

*Appareils de levage à charge suspendue — Vérifications —*  
*Partie 3: Grues à tour*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9927-3 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 7, *Tower cranes*.

ISO 9927 consists of the following parts, under the general title *Cranes — Inspections*:

- *Part 1: General*
- *Part 3: Tower cranes*

# Cranes — Inspections —

## Part 3: Tower cranes

### 1 Scope

This part of ISO 9927 specifies the regular inspections to be carried out on tower cranes. It is intended to be used in conjunction with ISO 9927-1. It does not cover inspection prior to the first use of a tower crane.

### 2 Normative references

The following referenced documents are indispensable for the application 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 4309, *Cranes — Wire ropes — Care, maintenance, installation, examination and discard*

ISO 9927-1:1994, *Cranes — Inspections — Part 1 General*

### 3 General

In order to ensure safe operation of tower cranes, their proper working and operational condition shall be maintained. Therefore, all cranes need to undergo regular inspections. This ensures that deviations from safe conditions are detected and can be rectified. The inspections shall be arranged by the user.

The regular inspections are

- daily inspections
- frequent inspections
- periodic inspections, and
- thorough inspections.

NOTE The manufacturer can give inspection instructions that differ from those of this part of ISO 9927. In this case, it is the manufacturer's instructions that are applicable.

Annex A gives an overview of the inspections (periodicity, content, persons in charge, results and reports).