
Cranes — Inspections —

**Part 1:
General**

*Appareils de levage à charge suspendue — Vérifications —
Partie 1: Généralités*



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Foreword

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ISO 9927-1 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 5, *Use, operation and maintenance*.

This second edition cancels and replaces the first edition (ISO 9927-1:1994), which has been technically revised.

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

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

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Cranes — Inspections —

Part 1: General

1 Scope

This part of ISO 9927 specifies the inspections to be carried out on cranes as defined in ISO 4306-1. It does not cover the inspections carried out prior to the first use of the crane.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the cited edition applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

ISO 12480-1:1997, *Cranes — Safe use — Part 1: General*

ISO 12482-1, *Cranes — Condition monitoring — Part 1: General*

ISO 23814, *Cranes — Competency requirements for crane inspectors*

3 General

In order to ensure that cranes are operated safely, their proper working and operational conditions shall be maintained. Therefore, all cranes shall undergo inspections in order to ensure that deviations from safe conditions are detected and can be rectified. The inspections shall be arranged by the crane users or owners.

4 Inspections

4.1 Daily inspections

Daily inspections shall be carried out prior to the start of daily lifting operations.

4.2 Frequent inspections

Frequent inspections shall be carried out periodically at intervals of not more than six months.

4.3 Periodic inspections

Periodic inspections shall be carried out periodically at intervals of not more than 12 months or at re-erection.