
Cranes — Maintenance —
Part 1:
General

Appareils de levage à charge suspendue — Entretien —
Partie 1: Généralités



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Foreword

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ISO 23815-1 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 5, *Use, operation and maintenance*.

ISO 23815 consists of the following parts, under the general title *Cranes — Maintenance*:

— *Part 1: General*

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Cranes — Maintenance —

Part 1: General

1 Scope

This International Standard establishes required practices for the maintenance of cranes by owners/users.

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 4306-2, *Cranes — Vocabulary — Part 2: Mobile cranes*

ISO 4306-3, *Cranes — Vocabulary — Part 3: Tower cranes*

ISO 4309, *Cranes — Wire ropes — Care, maintenance, installation, examination and discard*

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

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4306-1, ISO 4306-2, ISO 4306-3 and ISO 12480-1, and the following, apply.

3.1

maintenance

set of activities intended to keep a crane in, or to restore it to, a state in which it can perform its required function

EXAMPLE Monitoring, test and measurement, replacement, adjustment, repair, administrative action (in some cases).

3.2

planned maintenance

preventive maintenance

maintenance carried out in accordance with an established time schedule, and performed according to prescribed criteria, in order to reduce the probability of failure or the degradation of the functioning of a crane

NOTE The time schedule is set according to the elapsed time, the operating time, or the number of uses.