International Standard

ISO 10245-4

Cranes — Limiting and indicating devices —

Part 4: Jib cranes

Appareils de levage à charge suspendue — Limiteurs et indicateurs —

Partie 4: Grues à flèche

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Contents

Page

Foreword ..... **iv**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 General **1**

5 Rated capacity limiter and indicator **2**
5.1 General 2
5.2 Rated capacity limiter 2
5.3 Rated capacity indicator 2

6 Motion and performance limiters and indicators **3**
6.1 Motion and performance limiters 3
6.2 Motion and performance indicators 3

7 Event recorder and data logger **3**

Annex A (informative) **Event recorder and data logger on jib cranes** **4**

Bibliography **6**

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 8, *Jib cranes*.

This second edition cancels and replaces the first edition (ISO 10245-4:2004), which has been technically revised. It also incorporates the Technical Corrigendum (ISO 10245-4:2004/Cor.1:2006).

The main changes are as follows:

— this document has been aligned with ISO 10245-1;

— Table 1 and the requirements related to limiting and indicating devices of jib cranes have been revised;

— the recommendations related to event recorder and data recorder of jib cranes have been included in this document.

A list of all parts in the ISO 10245 series can be found on the ISO website.

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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Cranes — Limiting and indicating devices —

Part 4:
Jib cranes

1 Scope

This document specifies the requirements for devices which either limit or indicate, or limit and indicate the loads, motions, performance and environment of jib cranes. The general requirements for limiting and indicating devices for cranes are given in ISO 10245-1 [1] .

This document applies to jib cranes (except for cantilever crane) as defined in ISO 4306-4 [2] .

This document does not apply to the mobile, tower, railway, floating and offshore cranes defined in ISO 4306-1 [3] .

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

ISO 4306-4, *Cranes — Vocabulary — Part 4: Jib cranes*

ISO 10245-1, *Cranes — Limiting and indicating devices — Part 1: General*

ISO 10245-1:2021, *Cranes — Limiting and indicating devices — Part 1: General*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4306-1, ISO 4306-4 and ISO 10245-1 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/

4 General

The general requirements of limiters and indicators for jib cranes shall be in accordance with ISO 10245-1 .

All limiters and indicators with an essential variable reading or status shall be readable from the operator's control station.

The limiters and indicators shall be provided in accordance with Table 1.

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