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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23723.4-2010

Cranes -- Safe use -- Part 4: Jib cranes

起重机 安全使用 第4部分：臂架起重机

(English Translation)

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Foreword

GB/T 23723 "safe use of cranes" is divided into the following three parts.

- Part 1. General;
- Part 3. Tower cranes;
- Part 4. jib crane.

This is Part 4 GB/T 23723 of.

This part identical with ISO 12480-4:2007 "safe use of cranes - Part 4. jib crane" (in English).

This section is equivalent translation ISO 12480-4:2007.

For ease of use, this section made the following editorial changes.

- The term "this part of ISO 12480" with the words "GB/T 23723 in this section";
- Delete ISO 12480-4:2007 Foreword;
- For ISO 12480-4:2007 references ISO 4306-1:2007 and ISO 12480-1:1997 has been adopted as the equivalent of Standard, this section with GB/T 6974.1-2008 and GB/T 23723.1-2009 instead of corresponding international standards.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee crane (SAC/TC227) centralized.

This section is drafted. Liaoning Provincial Academy for Security Sciences, Beijing Institute of lifting the transport machinery.

1 Scope

GB/T 23723 in this section specifies the security requirements defined by the GB/T 6974.1 boom crane. This section should GB/T 23723.1 combination.

2 Normative references

The following documents contain provisions which, through reference GB/T 23723 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 6974.1 crane terminology - Part 1. General terms (GB/T 6974.1-2008, ISO 4306-1:2007, IDT) GB/T 23723.1-2009 safe use of cranes - Part 1. General (ISO 12480-1:1997, IDT)

3 Terms and definitions

Terms and definitions GB/T 23723.1 established applicable to GB/T 23723 in this section.

4.1 Safe system of work

In accordance with the provisions of GB/T 23723.1 and crane lifting operations should follow all safe system of work requirements, assign staff Under the management of the Executive.

Shall be in accordance with GB/T 23723.1-2009 4.1 shall be formulated by the user safe system of work organization, and to involved in the operation all staff convey.

In the case of repetitive routine operation, safe systems of work or simply by a few can cover the entire operating range of the system is sufficient enough. For complex lifting operations or personnel from a liter, should be the drafting of a written document security system.

Lifting all personnel involved in the operation should be trained, training includes appropriate use of safe system of work, especially if they Undertaken specific tasks and responsibilities.

In the specific area of \u200bseveral crane operations or joint operation of the crane, such as loading and unloading dock intensive areas or plants, consideration should be given limited for vehicles entering and personnel access.

4.2 Management of operation of a crane

The crane operator shall 4.2 GB T 23723.1-2009 provisions /, under the overall management of an assigned officer carried this People should have the right to stop the operation.

Designee can simultaneously manage several conventional crane to perform repetitive operations, in which case the officer may be assigned or delegated to a More than commanding officers, authorized personnel have the right to stop the operation. In simple operation without the need for command personnel, the crane driver can also be Grant such authority.

4.3 Contract issues

Contractual issues should be in accordance with GB/T 23723.1-2009 provisions of 4.3.1 and 4.3.2.