

ICS 53.020.20
CCS J 80



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

GB/T 23723.3-2010

Cranes -- Safe use -- Part 3: Tower cranes

起重机 安全使用 第3部分：塔式起重机

(English Translation)

Issued on: September 26, 2010

Implemented on: February 1, 2011

Issued by: Standardization Administration of China

Table of Contents

Introduction
1 Scope
2 Normative references
3 Terms and definitions
Management 4 lifting operations
Selection, responsibilities and minimum 5 staff claim
Security 6 tower crane
7 6 tower crane selection
8 Tower crane arrangement
9 Tower crane installation, removal and height change
10 Procedures and preventive measures
11 11 working conditions
12 Load lifting and stacking
Lifting and lowering personnel 12
14 Test, inspection and condition monitoring
15 Signal System

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 3 GB/T 23723 of.

This part identical with ISO 12480-3:2005 "safe use of cranes - Part 3. Tower cranes" (in English).

This section is equivalent translation ISO 12480-3:2005.

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 12480-3:2005 Foreword;

--- For ISO 12480-3:2005 international standard reference has been adopted as the equivalent of our national standards cited in this section of these national standards instead of the corresponding international standards.

Appendix A of this section is normative appendix, Appendix B is an informative annex.

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.

1 Scope

GB/T 23723 provisions of this part of the tower crane (hereinafter referred to as tower crane) security requirements. This section should GB/T 23723.1 combination.

This section includes. tower crane safety procedures, management, planning, selection, installation and removal, dedicated infrastructure, operation and maintenance and drivers, crane Workers installed, use the command staff.

This section does not apply to human-driven (non-powered) tower crane, does not include at least one action is human-powered crane.

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 6974.3 cranes Terminology - Part 3. Tower cranes (GB/T 6974.3-2008, ISO 4306-3:2003, IDT) GB/T 23720.1 crane driver training - Part 1. General (GB/T 23720.1-2009, ISO 9926-1:1990, IDT) GB/T 23720.3 crane driver training - Part 3. Tower cranes (GB/T 23720.3-2010, ISO 9926-3.

2005, IDT)

GB/T 23723.1-2009 safe use of cranes - Part 1. General (ISO 12480-1:1997, IDT) GB/T 23724.1 crane inspection - Part 1. General (GB/T 23724.1-2009, ISO 9927-1:1994, IDT) GB/T 23724.3-2010 crane inspection - Part 3. Tower cranes (ISO 9927-3:2005, IDT) GB/T 24818.3 crane access and security facilities - Part 3. Tower cranes (GB/T 24818.3-2009, ISO 11660-3:2008, IDT) GB/T 25196.1 crane condition monitoring - Part 1. General (GB/T

25196.1-2010, ISO 12482-1:1995, IDT)

3 Terms and Definitions

GB/T 23723.1, GB/T 6974.1 and GB/T 6974.3 and established the following terms and definitions apply GB/T 23723 of this section.

Workspace limiter working-spacelimiter Fixed tower crane spreader to prevent and/or certain parts of the tower crane into the restricted area of \u200b\u200bthe device.

Note: Limit workspace usually a combination of different limiter to achieve.

4.1 Safety rules

GB/T 23723.1-2009 4.1 apply to this section.