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

GB/T 24818.3-2009

Cranes -- Access, guards and restraints -- Part 3: Tower cranes

起重机 通道及安全防护设施 第3部分：塔式起重机

(English Translation)

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Foreword

GB/T 24818 "Cranes access and security facilities" is divided into four parts.

- Part 1. General;
- Part 2. Mobile cranes;
- Part 3. Tower cranes;
- Part 5. Bridge and gantry cranes.

This section GB/T 24818 Part 3.

This part identical with ISO 11660-3:2008 "Cranes access and security facilities - Part 3. Tower cranes" (in English).

This section is equivalent translation ISO 11660-3:2008.

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

- The term "this part of ISO 11660" with the words "GB/T 24818 in this section";
- Delete foreword international standards;
- With a decimal point instead of a comma as the decimal point, ",";
- Of ISO 11660-3:2008 international standard and cited references are listed by country has been adopted as a standard in place Corresponding to the international standards; for our standards are not adopted as an international standard in this section are referenced directly.

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. Beijing Institute of Architectural mechanization, Changsha Construction Machinery Research Institute, Fushun Yongmao Construction Machinery Co., Changsha Zoomlion Heavy Industry Science and Technology Development Co., Ltd.

1 Scope

This section GB/T 24818 specifies the GB/T 6974.3 tower crane defined (hereinafter referred to as tower crane) channel and Security Protection Particular requirements protected.

GB/T 24818.1 provisions of GB/T 6974.1, as defined in the normal crane operation, maintenance, inspection, installation and removal process General requirements to enter the console and the passage of other regions. General also involved in crane safety protection facilities, and to prevent the crane Neighbourhood officers suffered moving parts, falling objects or hurt rotating member.

2 Normative references

The following documents contain provisions which, through reference GB/T 24818 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 23821 Safety of machinery - Safety distances to prevent danger zones being reached on the lower limbs (GB/T 23821-2009, ISO 13857.

2008, IDT)

GB/T 24818.1-2009 crane access and security - Part 1. General (ISO 11660-1:2008, IDT)

3 Terms and Definitions

Terms and definitions GB/T 24818.1 established in this section apply to GB/T 24818 of.

Channel 4

4.1 General

Console and all require regular maintenance or inspection of the rest of the tower crane shall be by stairs, ladders, walkways and work rest Platform to enter.

For installation/disassembly, inspection, regular maintenance or replacement of parts height, tower crane (including jib) should be equipped with auxiliary equipment such as

Rotary Hand, handle, platform, safety devices, etc., to ensure the safety of staff and to facilitate their access to the workplace.

4.2 Requirements

General design requirements 4.2.1 Channel

4.2.1.1

Consistency with GB/T 24818.1 of Channel design requirements should be consistent with the provisions of GB/T 24818.1-2009 and control situations GB/T 24818 in this section are shown in Table 1.

Table 1 channel design requirements

GB/T 24818.1-2009 title GB/T 24818.3-2009 5.8 squeeze between moving parts hazard
4.2.1.2 6 stairs 4.2.1.3 7 ladders 4.2.1.4

9 Manholes and skylights 4.2.1.5

GB/T 24818.3-2009/ISO 11660-3:2008