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

GB/T 23725.3-2024

Replacing GB/T 23725.3-2010

Cranes - Information labels - Part 3: Tower cranes

起重机 信息标牌 第3部分：塔式起重机

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents"

Drafting is required.

This document is Part 3 of GB/T 23725 Crane Information Labels. GB/T 23725 has been published in the following parts.

--Part 1: General;

--Part 3: Tower cranes.

This document replaces GB/T 23725.3-2010 "Crane Information Signs Part 3: Tower Cranes" and is compatible with GB/T 23725.3-Compared with 2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) The requirements for manufacturer information have been changed (see 4.1, 3.1 of the 2010 edition);

b) The requirements for rated lifting capacity information have been changed (see 4.2, 3.2 of the 2010 edition);

c) Added relevant information requirements for control devices and indicating devices (see 5.1);

d) The relevant information requirements for personnel in the tower crane working area have been modified (see Chapter 6, Chapter 5 of the 2010 edition).

This document is modified to adopt ISO 9942-3:2020 "Crane information signs Part 3: Tower cranes".

The technical differences between this document and ISO 9942-3:2020 and their reasons are as follows.

--Added the description of the scope of application (see Chapter 1);

--Replaced ISO 9942-1:2015 (see 4.1, 5.3) with the normative reference GB/T 23725.1-2009 to adapt to my country's Technical conditions, increase operability;

--Change "Standard measurement units (such as metric, imperial, etc.) of the country where the tower crane is located should be used" to "Standard measurement units should be used" (see 4.2) to facilitate the use and understanding of this document;

-- The normative references GB/T 5226.32 and GB/T 25195.3 replaced IEC 60204-32 and ISO 7296-3 respectively (see 5.1) to adapt to my country's technical conditions and increase operability;

-- The normative references GB/T 2893 (all parts) and GB/T 15052 replaced ISO 3864 and ISO 13200 (see Chapter 6) to adapt to my country's technical conditions and increase operability.

The following editorial changes were made to this document.

- Added the reference to the figure (see Appendix A);
- Change "serial number" in the figure to "serial number or product number" (see Figure A.1);
- The word "rising" in the figure title was deleted (see Figure A.3);
- Added the informative reference of "GB 2894-2008" (see Figure A.4 and Figure A.5).

Introduction

GB/T 23725 "Crane Information Signage" is intended to specify the basic requirements for crane signs (markings) and operating signs.

Provide technical reference for safe operation of cranes and ensure the safety of crane drivers and related personnel. GB/T 23725 is planned to be composed of 5 parts.

Grouped into.

- Part 1: General;
- Part 2: Mobile cranes;
- Part 3: Tower cranes;
- Part 4: Jib cranes;
- Part 5: Bridge and gantry cranes.

Crane Information Signs Part 3: Tower cranes

1 Scope

This document specifies the minimum requirements for information placards used for marking (markings) and operation of tower cranes.

This document applies to the use of information signs on tower cranes.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 2893 (all parts) Graphic symbols, safety colors and safety signs Note. GB/T 2893.1-2013 Graphical symbols, safety colors and safety signs Part 1: Design principles for safety signs and safety markings (ISO 3864-1).

2011, MOD);

GB/T 2893.2-2020 Graphical symbols, safety colors and safety signs Part 2: Design principles for product safety labels (ISO 3864-2.

2016, MOD);

GB/T 2893.3-2010 Graphical symbols, safety colors and safety signs Part 3: Design principles for graphic symbols for safety signs (ISO 3864-2010) 3.2006,MOD);

GB/T 2893.4-2013 Graphical symbols, safety colors and safety signs Part 4: Chromaticity and photometric properties of safety sign materials (ISO 3864-4:2011, MOD);

GB/T 2893.5-2020 Graphic symbols, safety colors and safety signs Part 5: Principles and requirements for the use of safety signs.

GB/T 5226.32 Electrical safety of machinery Electrical equipment of machinery Part 32: Technical conditions for lifting machinery (GB/T 5226.32-2017, IEC 60204-32:2008, IDT)

GB/T 15052 General principles for safety signs and hazard symbols for cranes (GB/T 15052-2010, ISO 13200:1995, IDT GB/T 23725.1-2009 Crane information signs Part 1: General (GB/T 23725.1-2009, ISO 9942-1.

1994, IDT)

GB/T 25195.3 Graphical symbols for cranes Part 3: Tower cranes (GB/T 25195.3-2010, ISO 7296-3.

2006, IDT)

ISO 7010 Graphical symbols - Safety colours and safety signs Registered safety signs safety signs-Registered safety signs)

3 Terms and definitions

There are no terms or definitions that require definition in this document.