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

GB/T 20303.5-2021

**Cranes-Cabins and control stations-Part 5: Overhead travelling
and portal bridge cranes**

起重机 司机室和控制站 第5 部分:桥式和门式起重机

(English Translation)

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Foreword

GB/T 20303 "Cranes - Cabins" is divided into 5 parts.

- Part 1.General;
- Part 2.Mobile cranes;
- Part 3.Tower cranes;
- Part 4.Jib cranes;
- Part 5.Overhead travelling and portal bridge cranes.

This Part is Part 5 of GB/T 20303.

This Part is equivalent to ISO 8566-5.1992 "Cranes - Cabins - Part 5.Overhead travelling and portal bridge cranes".

This Part is equivalent to the translation of ISO 8566-5.1992.

For convenience of use, this Part makes the following editorial changes.

- a) Change the term "this Part of ISO 8566" to "this Part of GB/T 20303";
- b) Delete the foreword of the international standard.

This Part replaces GB/T 14407-1993 "Specification for cabins of overhead travelling cranes and portal bridge cranes for general purposes".

This Part was proposed by China Machinery Industry Federation.

This Part shall be under the jurisdiction of National Technical Committee 227 on Hoisting Machinery of Standardization Administration of China (SAC/TC

227).

This Part was drafted by the Beijing Materials Handling Research Institute Co., Ltd.; Zhejiang Jianhuan Electrical Machinery Co., Ltd. participated in the drafting.

The drafters of this Part. Zhao Chunhui.

Cranes - Cabins - Part 5.Overhead travelling and
portal bridge cranes

1 Scope

This Part of GB/T 20303 specifies the requirements for overhead travelling and portal bridge cranes that are defined in ISO 4306-1.

2 Normative references

The terms in the following documents become the terms of this Part by reference to this Part of GB/T 20303. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this Part. However, parties to agreements that are based on this Part are encouraged to study whether the latest versions of these documents can be used. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 20303.1-2006, Cranes - Cabins - Part 1.General (ISO 8566-1.1992, IDT)

ISO 4306-1.1991, Cranes - Vocabulary - Part 1.General

ISO 7752-1.1983, Lifting appliances - Controls - Layout and characteristics - Part 1.General principles

ISO 7752-5.1985, Lifting appliances - Controls - Layout and characteristics - Part 5.Overhead travelling cranes and portal bridge cranes

3.2 The cabin size that is specified in Figure 1 is the minimum value; a larger value can be used in practical applications. Through the seat index point (SIP), the clear height shall not be less than 1 600 mm; the clear width shall not be less than 900 mm; the clear depth shall not be less than 1 300 mm (see Figure 1).

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