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

GB/T 24817.4-2009

**Cranes -- Controls -- Layout and characteristics -- Part 4: Jib
cranes**

起重机械 控制装置布置形式和特性 第4部分：臂架起重机

(English Translation)

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Table of Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Basic requirements

4.1 Crane with two-way lever fixed length or articulated arm

Foreword

GB/T 24817 "Lifting the control layout, and features" is divided into the following five sections.

--- Part 1. General;

--- Part 2. Mobile cranes;

--- Part 3. Tower cranes;

--- Part 4. jib cranes;

--- Part 5. Bridge and gantry cranes.

This section GB/T Part of 424,817.

This section identical with ISO 7752-4. 1989 "Crane Controls - Layout and characteristics - Part 4. Boom Cranes" (In English).

This section is equivalent translation ISO 7752-4. 1989.

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

The term --- "ISO 7752 of this part" to "GB/T 24817 in this section";

--- Remove the ISO 7752-4. 1989 Foreword;

--- ISO 7752-4. 1989 references to other international standards, with the international standard has been adopted as a standard in place of the corresponding country;

--- To ISO 7752-4. 1989 Figure 1 in the "lift (see 4.1.3)" to adjust the position of "Vice-lift" and "main lift" between.

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 Materials Handling Research Institute.

Introduction

Jib crane drivers often have to manipulate different types or different manufacturers of cranes. This section GB/T 24817 specifies the arm the arrangement and operating direction frame crane working cycle basic controller to reduce operator confusion and misuse in case of emergency.

GB/T 24817.4-2009/ISO 7752-4. 1989 Lifting Controls - Layout and characteristics Part 4.
jib crane

1 Scope

This section GB/T 24817 In addition to the provisions of the tower crane according to GB/T 6974.1 definition, mobile cranes and railway cranes Layout requirements other than jib cranes (hereinafter referred to as "Crane") run, swing, lifting, luffing basic control means and the direction of operation.

2 Normative references

The following documents contain provisions which, through reference GB/T 24817 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 24817.1 Lifting Controls - Layout and characteristics - Part 1. General (GB/T 24817.1-2009, ISO 7752-1. 1983, IDT)

3 Basic requirements

The basic jib crane control device shall comply with GB/T 24817.1, but the force required to manipulate the control device shall not exceed.

--- Handle and lever, 100N;

--- Pedals, 200N.

The basic arrangement of the control device 4

4.1 Crane with two-way lever fixed length or articulated arm

The basic two-way joystick control device shall be arranged as shown in Figure 1.

Fixed length or articulated arm crane 1 with a bi-directional control device control device diagram

4.1.1

The operation of the controller handle --- 1

4.1.1.1 Handle operation and consistent direction crane running direction

Crane direction by the handle.

GB/T 24817.4-2009/ISO 7752-4. 1989