

ICS 01.040.53; 53.020.20
CCS J 80



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

GB/T 6974.2-2017

Cranes -- Vocabulary -- Part 2: Mobile cranes

Issued on: October 14, 2017

Implemented on: May 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

Foreword

2010 compared to the main technical changes are as follows.

1 Scope

2 Terms and definitions

2.1 General

2.2 way of walking

Foreword

GB/T 6974 "crane terms" is divided into the following sections.

- Part 1. General Terms;
- Part 2. Mobile cranes;
- Part 3. Tower cranes;
- Part 4. Boom cranes;
- Part 5. Bridge and Gantry Crane;
- Part 6. Railway cranes.

This section GB/T 6974 Part 2.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section replaces GB/T 6974.2-2010 "Crane Terminology Part 2. Mobile cranes." And GB/T 6974.2-

2010 compared to the main technical changes are as follows.

- Added "Crane configuration, crane preparation, rated capacity, maximum rated capacity" of the four terms and definitions (see 2.1.2, 2.1.3, 2.1.4 and 2.1.5);
- "Installation Type" was revised to "walking mode" (see 2.2,.2010 version 2.2);
- "Fixed-length" to "Fixed-arm", "Truss" to "Truss arm", "Telescopic" to "Telescopic arm", "Column") To" columnar arm "(see 2.4.1, 2.4.1.1, 2.4.2 and 2.4.3, the.2010 edition of 2.4.1, 2.4.1.1,

2.4.2 and 2.4.3);

--- Added three provisions note, respectively, on the column arm, jib structural characteristics were described, and the special configuration instructions (see 2.4.3, 2.4.4, and 2.5.1);

--- Crane crane was redefined (see 2.5.2, 2010 version 2.5.2).

This section uses the translation method identical with ISO 4306-2:2012 "Crane terminology Part 2. Mobile cranes."

This section made the following editorial changes.

--- In accordance with the preparation of GB/T 1.1-2009 format, the "range" added a chapter number, the order of the other chapters were extended;

--- The scope of ISO 4306-2:2012 ".ISO 4306 provides the most commonly used in the field of cranes expressed in English, French and Russian

Language "and replaced by the scope of Chapter 1 of this Part GB/T 6974 This section defines the most commonly used terms crane;

--- To be consistent with the appellation of other cranes in our country, add the synonym "(tower arm)" behind the 2.4.3 column arm, hinged at 2.4.5

Add the synonym "(folding arm)" behind the arm.

This part is proposed by China Machinery Industry Federation.

This part of the Crane Standardization Technical Committee (SAC/TC227) centralized.

This part of the drafting unit. Zoomlion Co., Ltd., Shenzhen Special Equipment Safety Inspection Institute.

1 Scope

This part of GB/T 6974 defines the most commonly used terms crane.

This section provides a variety of basic types of self-driven mobile crane terminology. GB/T 8498 describes excavators and other construction

Excluding machinery.

2.1 General

2.1.1

Mobile crane mobilecrane

Can be configured column (tower), with or without load can be run along the track-free

surface, and rely on self-weight to maintain a stable boom type

Heavy Machinery.

2.1.2

Crane configuration craneconfiguration

The combination or arrangement of components and elements of a crane.

Example Assembly of Booms (Number and Arrangement of Boom Jibs, Boom Jibs or Boom Jaws), Weights and Positions of Balancing Weight (Bracing Balance or Rear Balancing Heavy quantity and arrangement).

2.1.3

Crane ready for craneset-up

Crane and its accessories before the operation and positioning of the preparatory conduct or preparation requirements.

Note Crane preparation is included.

- Choose the ground for lifting operations;
- Level the ground, the job site enclosure, the job site closed and/or crane in place;
- Outrigger's location and settings;
- Balance weight settings;
- Set on the car.

2.1.4

Rated capacity ratedcapacity

The maximum allowable load specified by the crane manufacturer, based on crane configuration and crane preparation.

2.1.5

Maximum rated weight maximumratedcapacity

Crane maximum design load.

Note. The maximum rated capacity as a crane basic technical parameters are often mentioned.

2.2 way of walking

2.2.1

Crawler crawler-mounted

Crawler walking mobile cranes.

chinastandards.org · PREVIEW