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

GB/T 6974.1-2008

Replacing GB/T 6974.1-1986; GB/T 6974.2-1986; GB/T 6974.3-1986; GB/T 6974.4-1986; GB/T 6974.5-1986

**Crane -- Vocabulary -- Part 1: General
(English Translation)**

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Table of Contents

Preface	
1 Scope	
2 Terms and definitions	
3 Crane type	
3.1 By 1 classification structure	
3.2 Classification according to extract device	
3.3 By 8 moves classification	
3.4 Classification by driving	
3.5 By rotation capability classification	
3.6 Classification by way of supporting	
11 3.7 Classified by mode of operation	
4 Parameters	
4.1 Load parameter	
Linear Parameter 4.2 crane	
4.3 Velocity parameters work	
4.4 Parameters related to the crane path	
4.5 General parameters	
5 General Concepts	
21 5.1 Movement	
5.2 Stability of the crane	
5.3 Test	
6 24 member	
7 Limiter and indicator	
8 Lifting load	
8.1 Terms, definitions and code	
8.2 Application Examples 34 terms	
9 Use	
Chinese index	

Foreword

GB/T 6974 "Cranes term" divided into the following four parts.

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

This section GB/T 6974 "Cranes term" Part 1.

This part identical with ISO 4306-1:2007 "Cranes Terminology - Part 1. General terms" (in English).

This section is equivalent translation ISO 4306-1:2007.

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

- a) "This part of ISO 4306" be replaced by "GB/T 6974 to the present section";
- b) Delete the international standard preface;
- c) in accordance with GB/T 1.1 written format, scope and terms and definitions plus a chapter number, sequential number of other chapters postponed;
- d) an increase of Chinese index;
- e) a description of the individual errors made Errata.

--- 4.4.4 will be shown in two-wheel inset moved 4.4.3 of illustration;

--- 5.1.7 deleting two illustrations in the bottom right arrow indicates traverse;

--- Deleting "or hanging cranes (3.6.2)" in 3.6.1.

This Part replaces GB/T 6974.1-1986 "Lifting terminology crane type", GB/T 6974.2-1986 "Lifting terminology main parameters", GB/T 6974.3-1986 "Lifting terminology general concept" GB/T 6974.4-1986 "Lifting terminology bodies and parts", GB/T 6974.5-1986 "Lifting appliances Term safety indicator means. " this portion of the GB/T 6974.1-1986 ~ GB/T 6974.5-1986 compared to the major changes.

- a) the standard name change to be consistent with ISO 4306-1 name "Crane terminology - Part 1. General terms";
- b) In Chapter 3, "Crane types", increasing the "Press control mode category" deleted "by using the occasion categories";
- c) increase the "jib crane", "check the speed", "Crane Limit Line", "stability test", "position of the mast" and other terms;

- d) increase in Chapter 9, "use" and "crane operator" term;
- e) The "quality parameters content" to this part of Chapter 8, "lifting the load," adds "separable spreader", "fixed spreader," "scratch lifting Sexual member "and other terms, and gives examples of lifting loads;
- f) brake extract means limiters and indicators as well as the specific crane structure refinement longer term;
- g) Remove the "small light lifting equipment", "cranes", "lorry crane", "steam crane," and is typically not a universal terms of.

This part is proposed by China Machinery Industry Federation.

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

This section is responsible for drafting unit. Beijing Materials Handling Research Institute.

1 Scope

GB/T 6974 This section provides the crane area of \u200b\u200bthe most commonly used terms.

GB/T 6974 This section defines the main types of cranes, parameters, general concepts and terminology member.

Note: Some properties defined in the appended schematic illustrations for reference only.

2 Terms and definitions

By hook or other means extract hanging heavy in the space lift and transport machinery and other cyclical operations.

3.1 Classification by structure

It can extract the device suspended in the lifting trolley runs along the bridge, Hoist or crane jib crane on crane which bridge beams supported directly from the device by running on the track Heavy Machinery Bridge girder crane is supported by legs on the track crane its bridge girder directly supported on one end of the track, and the other end by Leg supported crane on the track GB/T 6974.1-2008/ISO 4306-1:2007