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

GB/T 17909.2-2021

Cranes - Crane operating manual - Part 2: Mobile cranes

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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 of Standardization Documents" Drafting.

This document is the second part of GB/T 17909 "Crane Crane Operation Manual". GB/T 17909 has released the following

section.

---Part 1. General Provisions;

---Part 2. Mobile cranes.

This document replaces GB/T 17909.2-2010 "Crane Crane Operation Manual Part 2. Mobile Crane", and

Compared with GB/T 17909.2-2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) "driving" in the standard English name is changed to "operating";
- b) The requirements for "erection" have been changed [see 5.5d), 5.5d) in the.2010 edition];
- c) The requirement of "load positioning" is changed [see 5.5e), 5.5e) of the.2010 edition];
- d) The "installation/removal" requirements have been changed [see 5.5f), 5.5f) of the.2010 edition].

The translation method used in this document is equivalent to ISO 9928-2.2014 ``Crane Crane Operation Manual Part 2. Mobile Hoisting

machine".

The Chinese documents that have consistent correspondence with the normatively cited international documents in this document are as follows.

---GB/T 6974.1-2008 Crane Terminology Part 1.General Terminology (ISO 4306-1.2007, IDT)

---GB/T 6974.2-2017 Crane Terminology Part 2.Mobile Cranes (ISO 4306-2.2012, IDT)

---GB/T 17909.1-1999 Crane Crane Operation Manual Part 1.General (idtISO 9928-1.1990)

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

---Corrected typographical errors, "ISO 9928-1.2014" was revised to "ISO 9928-1.2015".

This document was proposed by China Machinery Industry Federation.

This document is under the jurisdiction of the National Hoisting Machinery Standardization Technical Committee (SAC/TC227).

Drafting organization of this document. Xuzhou Heavy Machinery Co., Ltd.

Introduction

The crane operation manual is an important basis for guiding users to use cranes in a standard manner and avoid illegal operations. In order to ensure the contents of the operation manual

Comprehensive and reasonable, it is necessary to formulate this document. GB/T 17909 aims to standardize the compilation of crane operation manuals. It is planned to be composed of five departments.

Sub-composition.

---Part 1.General Provisions. The purpose is to specify the general principles of the crane operating manual.

---Part 2.Mobile cranes. The purpose is to specify the contents of the mobile crane operating manual.

---Part 3.Tower crane. The purpose is to specify the content of the tower crane operation manual.

---Part 4.Boom crane. The purpose is to specify the content of the jib crane operating manual.

---Part 5.Bridge and gantry cranes. The purpose is to specify the contents of the operating manual for bridge or gantry cranes.

Crane Crane Operation Manual

Part 2.mobile crane

1 Scope

This document specifies the contents of the mobile crane operation manual (hereinafter referred to as the manual).

This document applies to mobile cranes defined in ISO 4306-2 (hereinafter referred to as cranes).

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations

Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

ISO 4306-1.2007 Crane Terminology Part 1.General Terminology (Cranes-Vocabulary-Part 1.General)

ISO 4306-2 Crane Terminology Part 2.Mobile Cranes (Cranes-Vocabulary-Part 2.Mobile cranes)

ISO 9928-1.2015 Crane Crane Operating Manual Part 1.General (Cranes-Craneoperating manual-Part 1.General)

3 Terms and definitions

The terms and definitions defined in ISO 4306-1 and the following apply to this document.

3.1

Craneoperator

People who use (operate) crane controls.

[Source. ISO 4306-1.2007,7.1]

Note. For mobile cranes, "operator" is usually used instead of "driver". Drivers are habitually referring only to those who operate the crane to transfer from one place to another.

personnel.

4 Expression of the manual

Should comply with ISO 9928-1.2015 Chapter 4 except 4.2e).

5.1 Technical data

This part of the manual should include the technical data required to provide crane operators with the operation, maintenance, inspection and maintenance of the crane, such as.

- a) Main dimensions;
- b) schematic diagram;
- c) Lubrication position and lubricating grease;