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

GB/T 28758-2012

Cranes -- Competency requirements for crane inspectors

起重机 检查人员的资格要求

(English Translation)

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Foreword

This standard rule according to GB/T 1.1-2009 given draft.

This standard uses the translation method identical with ISO 23814:2009 "Qualification requirements for crane inspectors." Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 6974.1-2008 crane terminology - Part 1. General terms (ISO 4306-1:2007, IDT)

--- GB/T 23724.1-2009 crane inspection - Part 1. General (ISO 9927-1:1994, IDT)

--- GB/T 23724.3-2010 crane inspection - Part 3. Tower cranes (ISO 9927-3:2005, MOD)

--- GB/T 18346-2001 various types of bodies performing inspection General requirements (idt, ISO/IEC 17020:1998)

--- GB/T 27025-2008 testing and calibration laboratories General requirements (ISO/IEC 17025:2005, IDT) the editorial changes made the following standard.

--- Deleted the reference documents in Chapter 2, ISO 4310:2009 by ISO 23814.. 2009 Chapter 3, "Terms and definitions" references ISO 4310:2009 in terms no content, text other content nor does it mention ISO 4310:2009;

--- The standard 4.4 adds annotation content of the provision.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee crane (SAC/TC227) centralized.

This standard was drafted. Beijing Materials Handling Design and Research Institute.

1 Scope

This standard specifies the crane is responsible for periodic inspection, unscheduled inspections, inspectors qualified professional transformation and comprehensive inspection to check Requirements. Crane does not include routine inspection and testing of crane operators and maintenance personnel.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 4306-1 crane terminology - Part 1. General terms (Cranes-Vocabulary-Part 1. General)
ISO 9927 (all parts) crane inspection (Cranes-Inspections) General requirements ISO/IEC
17020 various types of bodies performing inspection
(Generalcriteriafortheoperationofvarious typesofbodiesperforminginspection) ISO/IEC
17025 General requirements for testing and calibration laboratories
(Generalrequirementsforthecompetenceof testingandcalibrationlaboratories)

3 Terms and Definitions

ISO 4306-1, and the following terms and definitions ISO/IEC 17020 and ISO/IEC 17025 defined apply to this document.

Crane inspectors craneinspector Possess the necessary knowledge and experience to carry out inspections in accordance with this standard for a particular type of crane personnel.

Note: Appendix A shows the categories of crane inspectors.

4 Requirements

4.1

of independence, impartiality and honesty Pressure personnel inspection bodies should not be from the commercial, financial and other potentially affect their fair judgment (see ISO/IEC 17020 and ISO/IEC 17025).

4.2 Technical expertise

Crane inspectors should have the following technical knowledge and practical skills of the crane inspection (see Appendix B Performance).

a) to be checked Crane Parts. drive means such as structural parts and mechanical components, safety devices and accessories, brake and clutch , Wire rope and so on;

- b) electrical equipment and control systems;
- c) internal combustion engines and hydraulic systems;
- d) crane parts and materials and strength requirements of the rope;

GB/T 28758-2012/ISO 23814:2009