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

GB/T 23720.1-2009

Cranes -- Training of drivers -- Part 1: General

起重机 司机培训 第1部分：总则

(English Translation)

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Foreword

GB/T 23720 "crane driver training" 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 123,720.

This section identical with ISO 9926-1:1990 "crane driver training - Part 1. General" (in English).

This section is equivalent translation ISO 9926-1:1990.

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

The term --- "ISO 9926 of this part" to "GB/T 23720 in this section";

--- Delete international standards foreword.

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. Liaoning Provincial Academy for Security Sciences, Beijing Institute of lifting the transport machinery.

1 Scope

This section GB/T 23720 requirements for crane driver trainees the basic training requirements, as well as to make the crane driver to master the basic Skills and knowledge of the proper use of these skills are essential.

This part of the development of the various types of crane drivers (such as tower cranes, mobile cranes, etc.) related to specialized training total training program.

This section assumes no previous experience trainee crane operation. This section does not provide the ability to evaluate the trainee or proficiency any method.

2 General requirements

Crane operator must ensure the safety of persons and property within the workplace, usually a crane in the work process is a key role Equipment, and therefore should be carefully selected drivers and drivers should receive basic training experienced experts. Team work of staff (workers hoisting means Command staff, supervisors) to give proper training is necessary.

3 Essential qualities and knowledge

The driver should be at least 18 years of age, the body in line with the requirements of the profession of medicine, the general should consider the following factors.

a) physical condition

--- Good eyesight and hearing;

No sense of vertigo when --- high-altitude operations;

--- Health or all of the work for illness;

--- No drugs, no alcohol.

b) Psychological Quality

--- Under stressful circumstances normal behavior;

--- Emotional stability;

--- Having a sense of responsibility.

Test methods can be used to determine the quality of the trainees (ability, judgment, self-control, calm, accuracy and motor coordination and response capabilities).

Trainees should be able to read and understand the contents of the crane on the documents and information signs.

When the crane to be transported by road, the driver should be aware of relevant laws and regulations. If the national regulatory requirements, but also to prepare appropriate proof and has a driving license.

4 Training objectives

Training objectives are.

- a) Comprehensive knowledge of cranes and working environment rules and can apply at any time.
- b) knowledge about hand signals and radio communications, cargo handling equipment and the knowledge and skills to enable drivers Fully qualified for the following tasks.
 - Operate effectively, and will not endanger the safety of the driver himself and others;
 - Under normal operating conditions and emergency situations crane.

GB/T 23720.1-2009/ISO 9926-1:1990