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

GB/T 25621-2010

**Earth-moving machinery -- Operation and maintenance --
Training of mechanics**

土方机械 操作和维修 技工培训

(English Translation)

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Foreword

This standard is identical with ISO 8152. 1984 "earthmoving machinery operation and maintenance technician training" (in English).

This standard is equivalent translation ISO 8152. 1984.

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

--- "This International Standard" be replaced by "this standard";

--- Remove the foreword to international standards;

--- To ISO 8152. 1984 international standard referenced with international standards have been adopted in place of the corresponding standard.

Appendix A of this standard is the data appendix.

The standard proposed by China Machinery Industry Federation.

This standard by the national earthmoving machinery Standardization Technical Committee (SAC/TC334) centralized.

This standard was drafted. Tianjin Construction Machinery Research Institute.

Introduction

This standard is intended as a guide for mechanic training, provided training of personnel are trained sufficiently good general education, with real production Experience and practice the use of tools, and they are very ripe, the harvest can be obtained in training.

When you select trainers, we need to consider not only skills, but also consider a sound physical and mental, because the machine maintenance is hard again Skilled work, particularly in the work under adverse field conditions, but also require a high degree of

adaptability to the body.

Earthmoving machinery Operation and maintenance technician training

1 Scope

This standard specifies the earthmoving machinery mechanic training, this standard does not specify assess proficiency or qualifications of any program, the content should be the implementation by the relevant provisions of the State.

This standard does not replace any applicable national regulations or standards.

This standard applies to GB/T 8498 defined earthmoving machinery.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 8498 Earth - moving machinery - Basic types - Identification and terms and definitions (GB/T 8498-2008, ISO 6165:2006, IDT) GB/T 14917 earthmoving machinery repair instruments (GB/T 14917-2008, ISO 6012:1997, IDT) JG/T 34 moving machinery repair tools - Part 1. General repair and adjustment tool (JG/T 34-1999, eqv ISO 4510-1. 1986)

JG/T 36 moving machinery write instructions of general provisions (JG/T 36-1999, eqv ISO 6750. 1984)

3.1 General

The shortest duration should be regular training regulations of the country, but it is best not less than three years. When suitable for more advanced or more specialized the training provided an optional fourth year of training. If, before the start of the training, it is possible to determine the length of the training process, especially as fourth year Training can be determined about the nature and content of the training in determining individual or group training is usually beneficial.

3.2 Security

The training period should continue to emphasize the machine operation and the most important aspect is "safe." Safety and training measures should be it combines various aspects of the process, and should include.

- National Security procedures understand and apply;
 - Clearly safety measures, accident prevention, fire safety, personal hygiene and the use of machine guards and shields, use of personal protective equipment Preparation, use to protect the eyes, the responsibility of the head, ears and feet of the need for safety clothing and other aspects;
 - When manipulating earthmoving machinery and accessories, observe the protective measures, and to safe and proper use of all hydraulic tools, pneumatic Tools, special tools and equipment;
 - Security methods using manual lifting and mechanical, hydraulic and control equipment;
 - Liquid solvents (especially those flammable) safe use and storage, including oil, fuel and acids;
- Mounting and fixing mechanical methods --- master switch, including various types of earthmoving machinery hosts and devices;
- Risk associated with the high pressure system;
 - Remove wheel and tire safety methods, hydraulic systems and other fuel use shield.