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

GB/T 22357-2008

Replacing GB/T 6572.2-1986

Earth-moving machinery -- Cable excavators -- Terminology

土方机械 机械挖掘机 术语

(English Translation)

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Foreword

This standard is identical with ISO 15219:2004 "moving machinery excavator Terminology and commercial specifications" (in English).

This standard is equivalent to translate ISO 15219:2004.

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

--- Because there is no standard "commercial specifications," the content, so the standard name will be changed to "moving machinery excavator term";

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

--- Deleted international standards foreword;

--- Of ISO 15219:2004 international standard referenced with the international standard has been adopted as the standard instead of the corresponding country.

This standard replaces GB/T 6572.2-1986 "Mechanical excavators terminology." this

standard compared with GB/T 6572.2-1986, the main changes are as follows.

- Standard name "mechanical excavator terminology" to "moving machinery excavator term";
- Added "foreword";
- Adjust the relevant names and terms defined in Chapter 3, an increase of three terms, delete a term;
- Added Appendix A "host Size" to adjust the definition of a host of dimensions and codes, and adds an entry about the terminology and definitions;
- Added Appendix B "size working device/slave device" to adjust the definition of the size of the symbol of the working device/slave device, and adds about the terminology entries and definitions.

The Standard Annexes A and B are normative 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.

1 Scope

This standard specifies the terms on their own track and wheel excavators and mechanical work means/slave device. Main mechanical excavator to be used for traction, mining, crawlers and temporary lifting operations. Mechanical excavator host drilling, piling and other special applications, it is often used as a working Carrier device/slave device, these devices work/slave device dimensions are not within the scope of this standard.

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 18577.1-2008 define the size and sign of moving machinery - Part 1. Host (ISO 6746-1:2003, IDT) Definitions GB/T 18577.2-2008 moving machinery dimensions and codes - Part 2. Equipment and fixtures (ISO 6746-2:2003, IDT) GB/T 21154 earthmoving machinery machine and method for measuring the quality of the work equipment and components (GB/T 21154-2007, ISO 6016:1998, IDT)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Self-crawler, tire or mechanical walker, having an upper structure can work with the device for 360 ° rotation, primarily into the bucket Line excavation work, the chassis does not move in its operating cycle.

[GB/T 8498-2008, the definition 4.4]

Note 1: The work cycle typically include excavator digging materials, promotion, rotation and unloading.

Note 2: The excavator can also be used for transporting goods or materials.

By the rope excavator operation of the upper structure, mainly used dragline, shovel or grab shovel digging work, with compacted material tamping plate, hook or Ball crushing, as well as the movement of materials with special working equipment and ancillary devices.

[GB/T 8498-2008, the definition 4.4.3] 3.3 the machine does not work with the device or the slave device, but the connection member includes a mounting work equipment and fixtures necessary, as necessary, with a cab, and the driver hangar protection structures.

[GB/T 18577.1-2008, the definition 3.3] Note. The host should include the installation and connection work attachment means specified in Chapter 5 are necessary.

A group of components installed on the host, the device can complete its basic design features.

GB/T 22357-2008/ISO 15219:2004