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

GB/T 22355-2008

**Earth-moving machinery -- Articulated frame lock --
Performance requirements**

土方机械 铰接机架锁紧装置 性能要求

(English Translation)

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Foreword

This standard is identical with ISO 10570:2004 "moving machinery - Articulated frame lock - Performance requirements" (in English).

This standard is equivalent to translate ISO 10570:2004.

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

- "This International Standard" be replaced by "this standard";
- Instead of using the decimal point as a decimal point ",", " ";
- Deleted international standards foreword;
- Of ISO 10570:2004 international standard referenced with the international standard has been adopted as the standard instead of the corresponding country.

The standard proposed by China Machinery Industry Federation.

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

1 Scope

This standard specifies performance requirements for earth-moving machinery - Articulated frame locking device, which is designed to prevent or repair of earthmoving machinery transport Accident when swinging.

This standard applies to GB/T 8498 defined moving machinery with a hinged rack.

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)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Link, steel, pin or similar parts, including parts and the hinge point of the machine connected to the frame for preventing earthmoving machinery with a hinged frame Accidents during transportation or repair swing.

Note: the machine on its own mobile or traveling without the use of articulated frame lock.

4.1 Installation location

Articulated frame locking device should be able to ensure that the machine is in the state of straight forward, which is mounted on one side of the driver position common import and export, or Installed in the position specified by the manufacturer.

If you must make when performing routine maintenance machine steering rack is hinged locking device should also ensure that the machine is required Steering position.

Articulated frame locking device designed to be fixed without frequent adjustment in two parts of the machine frame.

Machine coupling 4.2 During use and storage racks hinged locking device should be connected to the machine, and the machine can not be disengaged.

4.3 Color

Link hinge frame lock should be red, the color should make it visible in the storage location and installation. However, since the machine when being red, the link should use other colors are clear contrast.

4.4 Performance test requirements

Performance tests shall be left in the steering system, the right position on the two articulated steering.

When articulated frame lock withstand twice the machine specified by the manufacturer of the machine steering system to produce maximum force, it should not be everywhere any permanent deformation of the structure.

GB/T 22355-2008/ISO 10570:2004