

ICS 53.100
CCS P 97



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

GB/T 25692-2010

**Earth-moving machinery -- Retarders for dumpers and
tractor-scrappers -- Performance tests**

土方机械 自卸车和自行式铲运机用限速器 性能试验

(English Translation)

Issued on: December 23, 2010

Implemented on: July 1, 2011

Issued by: Standardization Administration of China

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Foreword

This standard is identical with ISO 10268:1993 "dump trucks and earth-moving machinery self-propelled scrapers governor Performance Test" (In English).

This standard is equivalent to translate ISO 10268:1993.

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 ",": " ,";
- Remove the foreword to international standards;
- Of ISO 10268:1993 international standard referenced with the international standard has been adopted as the standard instead of the corresponding country.

Appendix A of this standard is an informative annex.

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 the test provided by the manufacturer governor continuous limit the ability of the test procedure.

This standard applies to the installation of the governor dump truck, tractor scrapers, and other earth-moving 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.

Performance requirements and test methods GB/T 21152 earthmoving machinery tires machines brake system (GB/T 21152-2007, ISO 3450:1996, IDT) GB/T 21153 moving machinery size, performance and parameters of units and the measurement accuracy (GB/T 21153-2007, ISO 9248.

1992, MOD)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Governor retarder

To control the speed of the machine when going downhill, the energy absorbing device is typically used.

Continuous speed capability continuousretardingcapability Speed \u200b\u200bsystem when the machine is stable and does not exceed the predetermined threshold parameters, the governor of the steady-state energy absorption rate.

Note: The critical parameters shall be specified by the manufacturer. Critical parameters depend on the design speed of the system, such as critical parameters affect the oil and coolant temperature by.

Maximum continuous power Time does not exceed the manufacturer's specified engine speed, the maximum transmission speed and decreasing the rim force described ratio with a predetermined value.

Slope grade

When the test runway slope ramp test.

Test Method 4

It can be any of the following test methods.

- Traction;
- On the ramp;
- Using the dynamometer.

5 Device

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and traction on the ramp inspection, test Test track should be fully compacted, hard surface, dry (not affecting the road surface friction characteristics ground humidity). In order to ensure the maintenance of the desired