

ICS 01.040.53; 53.100
CCS P 97



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

GB/T 6572.1-1997

Replacing GB/T 6572.1-1997

**Earth-moving machinery -- Hydraulic excavators -- Terminology
and commercial specifications
(English Translation)**

Issued on: July 24, 2014

Implemented on: January 1, 2015

Issued by: Standardization Administration of China

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and definitions
4 Host
5 Working equipment and fixtures
6 Performance Terms
7 Technical content business documents (international units)
Appendix A (normative) Host size
Dimensions Appendix B (normative) Working devices and ancillary equipment
References
Index

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 6572.1-1997 "hydraulic excavator term." This standard compared with GB/T 6572.1-1997, except series Series modifications outside the main technical changes are as follows.

- Standard divided by the standard number into a separate part of the standard number;
- Revised standard clauses structure;
- Additions and modifications to the relevant terms and definitions.

This standard uses the translation method identical with ISO 7135:2009 "moving machinery - Hydraulic excavators - Terminology and commercial specifications." Correspondence between the consistency of the standards of international documents and normative references of the following documents.

- GB/T 10913-2005 moving machinery traveling velocity measurement (ISO 6014. 1986, MOD)
- GB/T 13331-2014 moving machinery - Hydraulic excavator from the weight (ISO 10567:2007, IDT)
- GB/T 13332-2008 moving machinery - Hydraulic excavators and backhoe loaders

determination Digging Force (ISO 6015.

2006, IDT)

--- GB/T 14781-2014 moving machinery machines tires Steering requirements (ISO 5010:2007, IDT)

--- GB/T 16936-2007 moving machinery net engine power test specifications (ISO 9249:1997, MOD)

--- Definitions GB/T 18577.1-2008 moving machinery dimensions and codes - Part 1. Host (ISO 6746-1:2003, IDT)

--- GB /performance requirements and test methods T 19929-2005 moving machinery crawler machine brake system (ISO 10265.

1998, MOD)

--- Performance requirements and test methods GB/T 21152-2007 moving machinery machines tires braking system (ISO 3450.

1996, IDT)

--- GB/T 21405-2008 reciprocating determining and measuring methods for exhaust emission tests internal combustion engine power Additional requirements (ISO 14396:2002, IDT) this standard made the following editorial changes.

--- Corrected the reference numeral 16 in FIG. 2 and illustrated in Figure 3 and the label does not correspond to 2 and 3;

--- 3.3.4, "Figure 18" should be corrected to "Figures 19 and 20";

--- 3.4.1 Note 3, "6 to 21" should be corrected to "6 to 9, 18 and 21";

HH26 icon --- Appendix B, "25" should be corrected to "2.5";

Size --- corrected Appendix B of RR4 illustration label line up outside the dimension line GRP reference ground plane;

--- Appendix B in the figures, and increased double-dashed line in the two-dot spacing;

--- Increase the index.

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 technical self-crawler hydraulic excavator tires and their equipment and fixtures terms and business documents content.

This standard applies to general purpose excavators and components, not for walking excavator term dedicated member or commercial specifications.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 8498-2008 moving machinery - Basic types - Identification and terms and definitions (ISO 6165:2006, IDT) Definitions GB/T 18577.2-2008 moving machinery dimensions and codes - Part 2. Equipment and fixtures (ISO 6746-2:2003, IDT) Performance requirements ISO 3450 Earth-moving machinery machines tires braking system braking system and test methods (Earth-moving machinery-Brakingsystemsof rubber-tyred machines-Systems and performance requirements and test procedures for braking systems) ISO 5010 Earth-moving machinery machines tires Steering requirements (Earth-moving machinery-Rubber-tyred machines-Steering requirements) ISO 6014 Earth-moving machinery traveling velocity measurement (Earth-moving machinery-Determination of ground speed) ISO 6015 Earth - moving machinery - Hydraulic excavators and backhoe loaders determination Digging Force (Earth-moving machinery-Hydraulic excavators and backhoe loaders-Methods of determining tool forces) ISO 6746-1 define the size and sign of moving machinery - Part 1. Host (Earth-moving machinery-Definition of dimensions and codes-Part 1. Base machine) ISO 9249 Earth-moving machinery engine test specifications Net power (Earth-moving machinery-Engine test code-Net power) Performance requirements ISO 10265 Earth-moving machinery crawler machine braking systems and test methods (Earth-moving machinery-Crawler machines-Performance requirements and test procedures for braking systems) ISO 10567 Earth-moving machinery - Hydraulic excavators weight (Earth-moving machinery-Hydraulic excavators-Lift capacity) ISO 8178 is attached to determine the exhaust emission tests and measurement methods ISO 14396 Reciprocating internal combustion engine power Plus Requirements (Reciprocating internal combustion engines-Determination and method for the measurement of engine power-Additional requirements for exhaust emission tests in accordance with ISO 8178)

3 Terms and Definitions

GB/T 8498-2008, GB/T 18577.2-2008 and as defined in ISO 6746-1 and the following terms and definitions apply to this file.