

ICS 53.100
CCS P 97



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

GB/T 19933.1-2014

Replacing GB/T 19933.1-2005

**Earth-moving machinery -- Operator enclosure environment --
Part 1: General and definitions**

土方机械 司机室环境 第1部分：术语和定义

(English Translation)

Issued on: July 24, 2014

Implemented on: January 1, 2015

Issued by: Standardization Administration of China

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

GB/T 19933 "moving machinery cab environment" is divided into six sections.

- Part 1. Terms and definitions;
- Part 2. Air filter test method;
- Part 3. Test methods for pressurization;
- Part 4. heating, ventilation and air conditioning (HVAC) test method and performance;
- Part 5. Test methods for windshield defrosting system;
- Part 6. Determination of effect of solar heating.

This section GB/T 19933 Part 1.

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

This Part replaces GB/T 19933.1-2005 "moving machinery - Operator enclosure environment - Part 1. General and definitions." This portion GB/T 19933.1-2005 compared, in addition to editorial changes outside the main technical changes are as follows.

- Standard name changed to "moving machinery - Operator enclosure environment - Part 1. Terms and Definitions";
- Increasing the normative references (see Chapter 2, Chapter 2, 2005);
- Increased and remove some of the terms and definitions (see Chapter 3, Chapter 3, 2005);
- Increase the Chapter 4, "the abbreviation" (see Chapter 4).

This section uses the translation method identical with ISO 10263-1:2009 "moving machinery - Operator enclosure environment - Part 1. Terms and definitions" (In English).

Consistency correspondence between this part of international documents and normative references of our files are as follows.

--- GB/T 8498-2008 moving machinery - Basic types - Identification and terms and definitions (ISO 6165:2006, IDT);

--- GB/T 8591-2000 moving machinery - Seat index point (eqv ISO 5353:1995).

This part is proposed by China Machinery Industry Federation.

This part of the National earthmoving machinery Standardization Technical Committee (SAC/TC334) centralized.

This section is responsible for drafting Company. Tianjin Construction Machinery Research Institute.

Participated in the drafting of this section. Xiamen Product Quality Supervision and Inspection Institute [State field (plant) in the motor vehicle Quality Supervision and Inspection Center], Ha Door Xiamen Engineering Machinery Co., Ltd., Xiamen Engineering Machinery Co., Ltd. Yuming.

1 Scope

GB/T 19933 specifies the test methods and evaluation criteria defined in ISO 6165 Earth-moving machinery cab environment.

GB/T 19933 in this section gives the GB/T 19933 Other terms and definitions used in part.

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.

ISO 5353:1995 Earth-moving machinery - Seat index point
ISO 6165 Earth - moving machinery - Basic types - Identification and terms and definitions
(Earth-movingmachinery-Basictypes-Identificationandtermsanddefinitions)

3 Terms and Definitions

Air conditioning and refrigeration systems air-conditioningsystem Reduce the effective temperature of air inside the cab of the system.

Air filtration or removed with suction air into the cab of the dust particles mechanically.

Cooling

Reduce the temperature of the air inside the cab.

Lighting opening daylightopening; DLO Through a glass window without any barrier of maximum opening, the glass window with a decorative molding and sealing materials.

Defrost defrosting

To ensure the field of vision to remove ice or frost on the windows, and keep it frost-free state.

Defrost range defrostedarea Clean and dry surfaces and dissolve or partially melted (wet) coating the surface composition of the test range of the windshield, not including ice from a solid test Layer covered windshield range.