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

GB/T 25617-2010

Earth-moving machinery -- Visual display of machine operation

土方机械 机器操作的可视显示装置

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4.1 Visual display means
- 4.2 Other visual display means

Foreword

This standard is equivalent to international standards ISO 6011:2003 "Visualization moving machinery machine operation display device" (in English).

This standard is equivalent translation ISO 6011:2003.

For ease of use, this standard also made some editorial changes.

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

--- To ISO 6011:2003 international standard referenced with the international standard has been adopted as a standard in place of the corresponding;

The term --- 3.2 Name and ISO 5006:2006 were unified;

--- Deleted international standards foreword.

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 information seen by the driver sitting visual display means moving machinery presented about the machine operating functions.

This standard applies to GB/T 8498 defined earthmoving 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.

GB/T 8498 Earth - moving machinery - Basic types - Identification and terms and definitions (GB/T 8498-2008, ISO 6165:2006, IDT) GB/T 8593.1 moving machinery - Symbols for operator controls and other displays - Part 1. Common symbols (GB/T 8593.1-1998, eqv ISO 6405-1:1991) ISO 5006:2006 Earth - moving machinery horizons test methods and performance criteria

3 Terms and Definitions

The following terms and definitions apply to this standard.

Visual display means visualdisplay to provide the driver with the relevant provisions of machine-readable information device functions and operational characteristics.

Examples. dashboard, instruments, liquid crystal display device, a light emitting diode.

Perspective A district sectorofvisionA SV ISO 5006 defined geometry determined from the eye position.

NOTE: This is defined as the region along the longitudinal axis of the front of the machine, in order to intersect with the longitudinal axis of the right eye and the position of the plane to the left of each 23 ° and 15 ° of the longitudinal axis of the flat upwardly , Plane down the vertical axis 40 ° to the boundary.

Visual display means 4 position

4.1 Visual display means

Visual display device should be easy to identify and respond to the continuous operation of the machine identifying information associated with it.

When the machine running, and the driver of a visual display unit should be located in the drivers field of vision area A, as indicated in the table R-SV 1 (Requirements A region in the field of vision). When the function is not monitored in the normal operating range (for example. engine overspeed brake accumulator pressure or low), Flat warning lights or audible alarms for directing attention to these drivers display device, when the longitudinal axis of the machine to the left or right from the 23 ° to 60 °.

4.2 Other visual display means

Other visual display device may be located outside the field of vision area A, but the driver sitting position should be legible.

Visual information display apparatus 5 Visual display unit identification information should be provided in Table 1 marked R (necessary) or R-SV specify. Visual display means can be provided