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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 25625-2017

Replacing GB/T 25625-2010

Earth-moving machinery -- Trainer seat -- Deflection limiting volume, space envelope and performance requirements

土方机械 教练员座椅 挠曲极限量、环境空间和性能要求

(English Translation)

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Foreword

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

This standard replaces GB/T 25625-2010 "Earth-moving machinery dump truck coach seat/environment space." This standard and GB/T 25625-2010 compared to editorial changes in addition to the main technical changes are as follows.

--- Modify the standard name;

--- Modify the scope of the standard (see Chapter 1, 2010 Edition Chapter 1);

--- Modify, increase the normative references (see Chapter 2, 2010 edition Chapter 2);

--- Modify, add terms and definitions (see Chapter 3, 2010 edition Chapter 3);

--- Modify "Seat Size" "Coach Seating Position" "Coach Size/Adjustment/Suspension of Environmental Space" "Material" "Handrail" "Storage Requirements for Survival and Constraint Systems (see 4.1, 4.2, 4.3, 4.7, 4.8, 4.9 and 4.10, Chapter 4 of the 2010 Edition);

--- Added "Trainer's seat FOPS or roof guard requirements" "trainer seat ROPS requirements" and "trainer seat ROPS/FOPS or top guard label "requirements (see 4.4, 4.5 and 4.6);

--- Increases the size of coach DLV and coaches DLV acceptance criteria (see Appendix A and Appendix B);

--- Added references (see references).

This standard uses the translation method identical with ISO 13459:2012 "Earth-moving machinery trainer seat deflection limit, environmental space and Performance requirements. " the normative references to this standard in international documents corresponding to the consistency of our documents are as follows.

--- GB/T 8420-2011 earthwork machinery driver's body size and the driver's minimum space (ISO 3411:2007, IDT);

--- GB/T 8498-2017 earthmoving machinery basic type identification, terms and definitions

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(ISO 6165:2012, IDT);

--- GB/T 8591-2000 earthwork machinery driver's seat calibration point (eqvISO 5353.1995);

Earthwork machinery driver vision test methods and performance criteria (ISO 5006:2006, IDT);

--- GB/T 17300-2017 Earth moving machinery access device (ISO 2687:2011, IDT);

--- GB/T 17771-2010 Earth-moving machinery fall protection structure laboratory test and performance requirements (ISO 3449:2005, IDT);

--- GB/T 17921-2010 earthmoment machinery seat belts and their fixers performance requirements and tests (ISO 6683:2005, MOD);

--- GB/T 17922-2014 Earth-moving machinery rolling over the protective structure of laboratory tests and performance requirements (ISO 3471:2008, IDT);

--- GB/T 19930.2-2014 Earth-moving machinery excavator protective structure of the laboratory tests and performance requirements Part 2 .6t Rollover protection structure (ROPS) for excavators above (ISO 12117-2:2008, IDT);

--- GB/T 19932-2005 Earth-moving machinery hydraulic excavator driver guards laboratory test and performance requirements (ISO 10262:1998, MOD);

--- GB/T 21153-2007 earthmoving machinery dimensions, performance and parameters of the unit and measurement accuracy (ISO 9248:1992, MOD);

Earth - moving machinery safety - Part 1. General requirements (ISO 20474-1-2008, MOD).

This standard is proposed by the China Machinery Industry Federation.

This standard by the National Earth Machinery Standardization Technical Committee (SAC/TC334) centralized.

1 Scope

This standard specifies the amount of flexing limit of the trainer's seat, environmental space and performance requirements and dimensions for earthwork defined by ISO 6165 Laboratory evaluation of mechanical protection structures.

The impact of vibration on short-term or temporary seats is not considered as a significant hazard and therefore this standard does not consider the effects of vibration.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the

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latest edition (including all amendments) applies to this document.

ISO 2867 earth moving machinery access device (Earth-movingmachinery-Accesssystems) ISO 3411 earthmoving machine driver's body size and the driver's minimum space (Earth-movingmachinery-Physicaldimensionsofoperatorsandminoperatorspaceenvelope) ISO 3449 Earth-moving machinery fall protection structure laboratory test and performance requirements (Earth-movingmachinery-Faling-objectprotectivestructures-Laboratorytests and performancerequirements) ISO 3471 Earth-moving Machinery Rollover Protective Structure Laboratory Testing and Performance Requirements (Earth-movingmachinery-Rol-overprotectivestructures-Laboratorytestsandperformancerequirements) ISO 5006 earth-moving machinery driver's field of vision test methods and performance criteria (Earth-movingmachinery-Operators fieldofview-Testmethodandperformancecriteria) ISO 5353 Earth-moving machinery for agriculture and forestry, tractor and mechanical driver's seat calibration points (Earth-moving machinery, andtractorsandmachineryforagricultureandforestry-Seatindexpoint) ISO 6165 earthmoving machinery basic type identification, terms and definitions (Earth-movingmachinery-Basictype-I-dentificationandtermsanddefinitions) ISO 6683 Earth-moving machinery seat belts and fasteners performance requirements and tests (Earth-movingmachinery-Seat beltsandseatbeltanchorages-Performancerequirementsandtests) ISO 9248 earthmoving machinery Dimensions, performance and parameters of the unit and measurement accuracy (Earth-movingmachinery-Units fordimensions, performanceandcapacities, andtheirmeasurementaccuracies) ISO 10262 earthmoving machinery hydraulic excavator driver guards laboratory tests and performance requirements (Earth-movingma-chinery-Hydraulic excavators-Laboratory tests and performance requirements for operator protectiveguards ISO 12117-2 Earth-moving machinery excavator protective structure of laboratory tests and performance requirements Part 2 .6t above excavator Earth-moving machinery research and performance requirements forprotectivestructuresofexcavators-Part 2: Rol-overprotectivestructures (ROPS) forexcavators ofover6t) ISO 20474-1 Earth-moving machinery safety Part 1. General requirements (Earth-movingmachinery-Safety-Part 1.

Generalrequirements

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