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Automatic loader weighing instruments

装载机电子秤

(English Translation)

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Foreword

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

The standard reference method using redrafted OIML International Recommendation No. 51 OIMLR51.2006 "automatic weighing instrument" for Combination of vehicles weighing the relevant requirements, combined with application status and the preparation of technical level of China's loader electronic scale. Consistent with the OIMLR51 the degree of non-equivalent (NEQ).

Please note that some content of this document may involve patents, the issuing authority of this document does not assume responsibility for the identification of these patents.

The standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee instrument (SAC/TC97)

centralized.

This standard was drafted. Hangzhou four Weighing System Co., Ltd., Hangzhou Quality and Technical Supervision and Inspection Institute, Shanxi Xinyuan Automation Instrumentation Ltd., Beijing Institute of Metrology detection.

1 Scope

This standard specifies the loader electronic scale (hereinafter referred to as "the instrument") terms, product model, requirements, test methods and rules, marks, packages Loading, transport and storage.

This standard applies to the pressure sensor installed in the top front-wheel loader on the lift cylinder, automatic operation run by measuring the top L indirect cylinder hydraulic bucket loading material quality measuring instrument.

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 191 Packaging - Pictorial signs GB 4208 housing protection (IP Code) GB/T 7724 Electronic weighing instruments GB/T 13384 mechanical and electrical products packaging General technical conditions GB 14249.1 electronic weighing security requirements GB/T 14250 Weighing term GB/T 18806 total resistance strain pressure sensor specification GB/T 26389 Scale Model methodology GB/T 27739-2011 automatic weighing instrument

3 Terms and Definitions

GB/T 14250 and defined by the following terms and definitions apply to this document.

Automatic weighing instrument automaticcatchweighinginstrument; catchweigher Single discrete load or load pre-packaged bulk for automatic weighing instrument.

Automatic weighing instruments automaticweighinginstrument Without operator intervention, you can follow a predetermined processing program automatic weighing scales.

The combination of vehicles weighing vehicleincorporatedinstrument One kind of instrument, the same portion of their vehicles and the load common parts (levers, connectors and power converters, etc.), is an automatic weighing instrument Kinds of patterns.

Loader Electronic Scale loaderweighinginstrument A vehicle combination instrument mounted on the front loader, as in some parts of the loader force transmission mechanism

can be installed correctly in bulk when Load volume measuring device set Bucket (carrier) in the bulk material.