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JJG

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

JJG 648-2017

Replacing JJG 648-1996

**Discontinuous Totalizing Automatic Weighing
Instruments(Totalizing Hopper Weighers)
(English Translation)**

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5.1 Accuracy level (2)

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Introduction

This code refers to the international recommendations OIMLR107-12007 (E) "non-continuous cumulative automatic weighing (cumulative hopper Scale) Part 1. Measurement and technical requirements of the test, "JJG 648-1996" non-continuous cumulative automatic weighing device " Verification procedures for revision, combined with China's non-continuous cumulative automatic weighing (cumulative hopper scale) test the actual situation, Retained JJG 648-1996 Bank of effective content. In the preparation of the implementation of the format JJF1002-2010 "country Metrology test procedures for the preparation of rules. " Compared with JJG 648-1996, in addition to editorial changes, the main technical changes of this procedure are as follows.

--- Procedures for the name changed to "non-continuous cumulative automatic weighing instrument (cumulative hopper scale)", the name and OIML R107 same

--- Clarified that this procedure only applies to the non-continuous cumulative automatic weighing (cumulative hopper scale) for the first test, follow-up Test and use of inspection, not applicable to non-continuous cumulative automatic weighing (cumulative hopper scale) type evaluation;

--- Removed the requirements of type evaluation and type evaluation form, these contents included in the JJF1639-2017 "non Continuous cumulative automatic weighing (cumulative hopper scale) type evaluation outline ";

--- Only select some of the terms applicable to the test;

--- The static weighing in this procedure refers to the requirements when used as a control weighing instrument;

--- Refine the first test, follow-up test and use of the contents of the inspection, an increase of test items list;

--- Increased requirements for electronic seal device;

--- Added Appendix A, B test record format, Appendix C test certificate page format and Appendix D test results Fruit notice page format.

This version of the previous version of the release.

--- JJG 648-1996;

--- JJG 648-1990.

Non-continuous cumulative automatic weighing (Cumulative hopper scale) test procedures

1 Scope

This code applies to the non-continuous cumulative automatic weighing instrument (hereinafter referred to as "cumulative hopper scale") for the first test, follow-up Check and use the check.

This procedure does not apply to the following types of cumulative hopper scales.

--- "Dynamic weighing" of the cumulative hopper scale;

--- Accumulative hopper scale with cumulative bulk load multiplied by the mass of the preset constant load over several weighing cycles.

2 reference documents the procedures cited in the following documents.

JJG 99 weight

Weighing terms and definitions for weighing instruments OIMLR107-12007 (E)

Non-Continuous Cumulative Automatic Weighing Scale (Hopper Scale) Part 1. Metering and technical requirements of the test

(Discontinuoustotalizingautoweighweighing instruments (Totalizing Hopperweighers) -Part 1: Metrologicalandtechnicalrequirements-tests) for dated references, only the dated version applies to this edition; any undated reference the latest version (including all amendments) applies to this procedure.

3 Terms and measurement units

3.1 Terms

The terms used in this protocol are consistent with JJF1181-2007 "Terms and definitions of Weighing Terminology" Some terms are quoted in terms of convenience and ease of understanding, and add specific terms that apply only to this procedure.

3.1.1 non-continuous cumulative automatic weighing (cumulative hopper scale)

discontinuoustotalizingautomaticweig-hing instruments (totalizinghopperweighers) by dividing a group of bulk materials into a number of separate loads, the mass of each separation load is determined in turn, cumulatively the result is an automatic weighing

instrument that discharges the separation load to obtain the bulk of the batch.

3.1.2 totalization device Cumulative hopper scale to calculate the continuous weighing and unloading the total load device.

3.1.3 cumulative sub-degree (dt) totalizationscaleinterval (dt) Cumulative hopper scale total indicator device indexing.

3.1.4 control index (d) controlscaleinterval (d) Cumulative hopper scale control indicating device indexing value.

3.1.5 weighing cycle the cumulative hopper scale weighing operation includes the following procedure.