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JJF

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

JJF 1355-2012

Replacing JJG 555-1996

**Program of Pattern Evaluation for Non-automatic Weighing
Instruments (Analogue Indicating Weighing Instruments)
(English Translation)**

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Table of Contents

Introduction (III)

1 Scope (1)

2. References (1)

3 Terms (1)

4 Overview (1)

5 Legal management requirements (2)

5.1 Units of measurement (2)

5.2 Accuracy class (2)

5.3 Legal metrology mark (2)

5.4 Offers the review of technical documents and test prototypes (2)

6 Measurement requirements (3)

6.1 Accuracy class (3)

6.2 Verification scale (3)

6.3 The maximum permissible error (3)

6.2 Verification scale (3)

6.3 The maximum permissible error (3) Weighing 6.4 Performance (3) Tolerance weighing result between 6.5 (3)

6.8 Indication changes over time (4)

Tilting 6.9 (4)

Temperature 6.10 (4)

7.2 Security (5)

Reading 7.3 (5)

8 Pattern evaluation item list (6)

Test methods and test conditions 9 items (7)

9.14 Durability test (13)

More than 9.15 indicating means test (14) Determination (14) 10 type of evaluation results
Appendix A pattern evaluation original record format (15) Appendix B key parts list (32)

Introduction

JJF 1355-2012 "non-automatic scales (indicating analogue scales) Type Evaluation Outline"
Modify adopted OIMLR76-1.2006, "non-automatic weighing instrument" international
recommendations relating to the provisions indicating analogue scales, taking the GB/T
11884-2008 "Spring dial scale" developed from the relevant technical requirements.
Replace JJG555-1996 "non-automatic weighing Universal Test procedures, "the relevant
provisions indicating analogue scales. In the preparation of the implementation of the
format JJF 1016-2009 "Measuring Instruments Type evaluation outline guidelines for the
preparation "requirement.

Non-automatic scales (indicating analogue scale) Type Evaluation Outline

1 Scope

This outline is applicable to States according to the management's level of accuracy and
non-automatic weighing accuracy level of ordinary (analog means Scales shown)
(hereinafter referred to as "indicating analogue scale") of pattern evaluation. This outline
does not apply to non-fixed suspension simulation Indicating scales.

2. References

JJF 1181 metrological terminology and definitions GB/T 11884-2008 spring dial scale GB/T
14250 Weighing term OIMLR76-1.2006 Non-automatic weighing instruments Part I.
metrological and technical requirements - Test (Non-auto-maticweighinginstrumentsPart 1.
Metrologicalandtechnicalrequirement-Test) OIMLR76-2.2007 Non-automatic weighing
instruments Part II. Test Report Form (Non-automatic weighinginstrumentsPart 2.
Testreportformat) these documents contain provisions which through reference in this
syllabus constitute provisions of this outline. For dated reference documents Member, all
subsequent amendments (not including errata content) or revisions do not apply in this
outline. However, to encourage Whether the latest versions of these files according to the
parties that this outline agreement. For undated references the , The latest versions apply
to this outline.

3 Terms

JJF 1181-2007 "metrological terminology and definitions", GB/T 14250-2008 "Weighing
term" and GB/T 11884-2008 "spring dial scale" in terms apply to this outline.

In this paper, the main symbol involved.

Max. maximum capacity;

Min. minimum capacity;

e. verification scale.

4 Overview

Indicating analogue scale is. A spring is a load cell, the scale pointer and dial direct. As spring dial scale and so on.

Spring dial scale principle. it is the use of a spring deformed by external force, that it is within the elastic limit of the spring Deformation and Hooke's law and an external force proportional to the work.

Spring dial scale structure. mainly by load-bearing means, metering spring means, gear, zero means and shell Composition, in order to reduce the effect of temperature changes on the weighing indication, but also equipped with a temperature compensation device.