MITTEAUTOMAATKAALUDE METROLOOGILISED ASPEKTID

Metrological aspects of non-automatic weighing instruments

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 45501:2015 sisaldab Euroopa standardi EN 45501:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 45501:2015 consists of the English text of the European standard EN 45501:2015.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 13.02.2015.	Date of Availability of the European standard is 13.02.2015.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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EUROPEAN STANDARD

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English Version

Metrological aspects of non-automatic weighing instruments

Aspects métrologiques des instruments de pesage à fonctionnement non automatique

Metrologische Aspekte der nichtselbsttätigen Waagen

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European Committee for Electrotechnical Standardization
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Foreword

This document (EN 45501:2015) has been prepared by a Joint CEN/CENELEC Working Group on Non-automatic Weighing Instruments.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-08-13
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-08-13

This document supersedes EN 45501:1992.

EN 45501:2015 includes the following significant technical changes with respect to EN 45501:1992:

In preparing this European Standard, EN 45501:1992 which formed the basis of this standard, was considered, but with additions and amendments to take into account the developments in technology which have occurred in the intervening years. Significant changes include, extensions to the EMC immunity requirements to reflect the greater use of wireless technology for many purposes, enhanced specifications for the integrity and security of software and testing regimes to confirm compliance, requirements for portable and mobile instruments, and recognition of the use of modular elements in families of instruments with enhanced testing requirements for both analog and digital modules and systems for confirming the compatibility of modules when combined into a single instrument or system.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive see informative Annex ZZ, which is an integral part of this document.

Introduction

This European Standard has been adapted from the OIML Recommendation R 76-1, Edition 2006, *Non-automatic weighing instruments - Part 1: Metrological and technical requirements - Tests* by a Joint Working Group from CEN and CENELEC. It was elaborated following a standardization request from the Commission of the European Communities to CEN and CENELEC to establish a European Standards related to Council Directive 2009/23/EC on Non-automatic weighing instruments.