



**EUROPEAN COMMISSION**  
ENTERPRISE AND INDUSTRY DIRECTORATE-GENERAL  
New Approach Industries, Tourism and CSR  
**Construction and Pressure Equipment**

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## **STANDARDISATION MANDATE TO CEN AND CENELEC IN THE FIELD OF NON-AUTOMATIC WEIGHING INSTRUMENTS FOR THE REVISION OF EN 45501: 1992**

### **I. MOTIVATION.**

This mandate relates to the Directive 1990/384/EC of the European Parliament and of the Council on the harmonisation of laws of the Member States relating to non-automatic weighing instruments of 20 June 1990 (OJ L 189 of 20.07.1990, p1). The Directive applies to the design, manufacture and conformity assessment of non-automatic weighing instruments that Member States may prescribe the use of for measuring tasks. The purpose of the Directive is principally to deal with precision, reliability and security of measurement.

Article 5 of the Directive lays down that a non-automatic weighing instrument falling within the scope of the Directive must meet the essential requirements applicable to it before it can be placed on the market; these essential requirements are specified in Annex I. It also lays down that a non-automatic weighing instrument shall be presumed to comply with the essential requirements when it complies with the relevant national standards transposing harmonized standards.

In 1992 CEN/CENELEC published a standard with the number EN 45501 which related to non-automatic weighing instruments. This EN standard was based upon the international standard by OIML, recommendation 76, which has been updated in 2006, notably in the area of electromagnetic compatibility as regards influences on the functioning of the instrument. On behalf of stakeholders, a letter was received by the Commission services from the WELMEC secretariat, dated 3 November 2006, asking for an update of the existing standard to the new international standard.

The purpose of this mandate is to invite CEN and CENELEC to draw up standards for non-automatic weighing instruments, in order to update the existing standard.

### **II. DESCRIPTION OF THE MANDATED WORK.**

The Commission hereby requests CEN and CENELEC to draw up standards for the operation of the Directive mentioned above, notably in the area of incoming influences due to electromagnetic compatibility, in order to revise EN 45501:1992. The standards shall cover the general requirements in Annex I of the non-automatic weighing instruments Directive.

Standards under this mandate shall meet the following requirements:

1. Standards shall, as far as possible, be formulated in such a way as to be self-sufficient, i.e., so as to be applied, and to give presumption of conformity with essential requirements.
2. Standards shall not reproduce the essential requirements of the Directive to which nothing is added, nor attempt to express the content of an essential requirement in other terms.
3. Standards shall, as far as possible, cover all aspects relevant to the instrument concerned regarding measurement dealt with by the Directive.
4. Each harmonised standard should include an annex providing information with regard to the relationship between its clauses and the essential requirements of the Directive. This indication should allow the users of the standard to establish to what extent it provides for a presumption of conformity with the essential requirements.
5. Co-operation shall be established and maintained between CEN and CENELEC on aspects of electromagnetic compatibility.

### **III. EXECUTION OF THE MANDATE.**

1. The European Standards (EN) shall be adopted by 24 months. At these dates, the three linguistic versions (German, English, French) shall be available as well as the correct titles in the other European Union languages.
2. The European standards adopted shall be transposed into national standards and differing national standards shall be withdrawn from the catalogues of the national standards organizations in the Member States within six months of their adoption.
3. Acceptance by CEN and CENELEC of this mandate starts the standstill period referred to in Article 7 of Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 (OJ N° L 204 of 21.7.1998).