



## EUROPEAN COMMISSION

DIRECTORATE GENERAL XVII  
ENERGY

Directorate C: industries and markets II: non-fossil energy  
**Unit XVII/C-2: new and renewable sources of energy (NRSE)  
and rational use of energy (RUE)**

**M/046**

### **MANDATE TO CEN/CENELEC FOR THE ELABORATION AND ADOPTION OF MEASUREMENT STANDARDS FOR HOUSEHOLD REFRIGERATORS AND FREEZERS**

#### **I. MOTIVATION.**

This standardization mandate is related to Council Directive 92/75/EEC<sup>(1)</sup> which lays down the legal basis for a compulsory system of energy labelling and information provision for certain energy using household appliances, and to Commission Directive 94/2/EEC (see annex) which specifies information that suppliers will be required to provide.

In order to provide this information on a comparable basis it is necessary that suppliers of these appliances use a uniform measurement standard. Existing European, and International standards provide a basis for obtaining this information, but common standard(s) are required to ensure that all appliances covered by this directive are measured on a comparable basis. This means that Commission Directive 94/2/EEC can best be brought into force following the adoption of standards to be provided under this mandate. This will require that existing standards are revised so as to ensure that they provide measurement methods for consumption of energy, other essential resources and for supplementary information, which is representative, reproducible, and which allows methods of checking whether sample appliances conform with declared values.

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<sup>(1)</sup> OJ No L 297, 13.10.1992, p.16.

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

1. The Commission hereby requests CEN/CENELEC to elaborate european standards and/or to revise european standard EN 153 concerning measurement standards for household refrigerators, freezers and their combinations, so laying down the methods of measuring their consumption of energy, and other characteristics. This standardisation work shall take into account the ISO and CEN standards in this field
  
2. Characteristics to be dealt with in the standards
  - a) Energy consumption,  
Storage, or net Volume of compartments  
Temperature and Star rating of each compartment  
Temperature rise time (for freezer compartments)  
Freezing capacity (for freezer compartments)  
Climate class  
tolerances permitted to declared values
  
  - b) Other performance characteristics such as those covered in the following standards and draft standards:  
  
prEN 28561 : 1993,  
EN 28187 : 1992,  
prEN 27371 : 1993,  
prEN 25155 : 1993,

However the ambient temperature of the test chamber must in all cases be 25°C.

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

1. The European Standard (EN) updating EN153 and taking into account the characteristics referred to in point II.2.a) will be adopted before 31 October 1994.
  
2. An addition to this standard to include the characteristics listed in point II.2.b) will be adopted by 30 September 1995.
  
3. Three linguistic versions (DE,EN,FR) of the each standard will be available at adoption, together with the correct titles in the other six Community languages.
  
4. The european standards will be transposed into national standards and differing national standards will be withdrawn from the national collections of the EEC Member States within six months of their adoption.

5. Acceptance by CEN/CENELEC of this mandate will initiate the standstill period referred to in Article 7 of the Council Directive 83/189/EEC of 28 March 1993<sup>(2)</sup> for all those standards relating to item II.1.
6. The Commission reserves the possibility of specifying the minimal requirements more precisely, on the basis of the progress of the discussions on the Commission draft directive referred to in point I.
7. CEN and CENELEC will ensure a close collaboration between them in order to maintain a coherent set of european standards.

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<sup>(2)</sup> OJ No L 109, 26.4.1983.