



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR ENERGY

Directorate C - New and renewable sources of energy, Energy efficiency & Innovation
C.3 - Energy efficiency of products & Intelligent Energy – Europe

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**MANDATE TO CEN, CENELEC AND ETSI FOR STANDARDISATION IN THE FIELD OF
HOUSEHOLD DISHWASHERS**

1. BACKGROUND

1.1. Legal Basis of the mandate

This mandate relates to Directive 2009/125/EC of the European Parliament and of the Council, to Directive 2010/30/EU¹ of the European Parliament and of the Council, and to measures implementing or supplementing these Directives for which a Harmonised Standard(s) should be developed to cover essential requirements.

1.2. The aim of the Mandate

Commission Regulation (EU) No 1016/2010² implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household dishwashers' and Commission delegated Regulation (EU) No 1059/2010³ supplementing Directive 2010/30/EU with regard to energy labelling of household dishwashers' have been published in the OJ in November 2010. Both Regulations require that the measurement method(s) for establishing the energy consumption and other parameters of household dishwashers is reliable, accurate and reproducible and takes into account the generally recognised state of the art, in order to ensure comparable measurements and fair competition, and to facilitate market surveillance activities.

The aim of this mandate is to create a harmonised European standard(s) which cover(s) this requirement.

¹ OJ L 153, 18.6.2010, p. 1.

² OJ L 293, 11.11.2010, p.31.

³ OJ L 314, 30.11.2010, p. 1.

2. DESCRIPTION OF THE MANDATED WORK

The Commission requests CEN, CENELEC and ETSI to elaborate a reliable, accurate and reproducible European standard(s), which takes into account the generally recognised state of the art, and/or adopt or adapt existing European and International standards for household dishwashers, laying down procedures and methods of measuring the energy consumption, water consumption, programme time and duration of the left-on mode where the household dishwasher is equipped with a power management system, cleaning and drying efficiency, airborne acoustical noise emissions and power consumption of low power modes. The standard(s) has also to include the necessary definitions of the parameters to be measured.

The standardisation tasks covered by this mandate are as follows.

1. Procedures and methods for measuring the energy and water consumption, cleaning and drying efficiency, programme time, power consumption and duration of the low power modes, in particular of the left-on mode where the household dishwasher is equipped with a power management system and airborne acoustical noise emissions:

- to ensure that the prospective harmonised standard(s) provides, where appropriate, revised and/or new definitions for at least the appliances and parameters included in the Commission Regulation 1016/2010 and in the Commission delegated Regulation 1059/2010, including low power modes (off-mode and left-on-mode) where the product is not fulfilling its main function and different from those covered by the Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off-mode electric power consumption of electrical and electronic household and office equipment;
- to ensure that the prospective harmonised standard(s) provides procedures and methods to measure at least the energy consumption, water consumption, cleaning and drying efficiency, programme time for household dishwashers as included in the Commission Regulation 1016/2010 and in the Commission delegated Regulation 1059/2010;
- to ensure that the prospective harmonised standard(s) specifies procedures and methods for measuring the airborne acoustical noise emissions;
- to ensure that the prospective harmonised standard(s) specifies procedures and methods for measuring the power consumption and duration of the identified product specific low power modes where the product is not fulfilling its main function and different from those covered by the Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off-mode electric power consumption of electrical and electronic household and office equipment;
- to ensure that the prospective harmonised standard(s) includes a procedure that avoids an appliance being programmed to recognize the test cycles, and reacting specifically to them, with the exclusion of test cycle recognition that is active only during the manufacturing of the appliance;

- to ensure that the prospective harmonised standard(s) takes into account improved test conditions and test materials to better reflect the user behaviour and the state of the art at European and international level. In particular care shall be taken about the use of:
 - a new reference dishwasher,
 - a new micro wave oven for preparation of the milk soiling,
 - an updated loading pattern of the thermal cabinet for drying of the soiled dishes,
 - a different small dessert bowl within the reference load.
- to ensure that the prospective harmonised standard(s) defines univocal and common word(s), sign(s), pictogram(s) or symbol(s) to be displayed on the programme selection device of the machines and on the machines display (if any) or both, to clearly and easily identify the standard programme(s) referred to in the Commission Regulation 1016/2010 and in the Commission delegated Regulation 1059/2010.

2. Accuracy of the prospective harmonised standard(s):

- to ensure that the prospective harmonised standard(s) identifies and controls the sources of variability, in particular for market surveillance purposes;
- to provide values for measurement uncertainties for the purposes of the verification procedure for the measured parameters taking into account the different sources of variability to be considered when a specific product is taken from the market and measured for market surveillance purposes;

3. Template for test report:

- to define a template for a test report indicating the information to be declared by the manufacturers to fulfil at least the ecodesign and labelling requirements set out by Commission Regulation 1016/2010 and in the Commission delegated Regulation 1059/2010.

3. EXECUTION OF THE MANDATE

CEN, CENELEC and ETSI are requested to communicate to the Commission, within 2 months of the acceptance of this mandate, a work plan for the execution of the above mentioned standardisation tasks, indicating the standard(s) requiring revision or amendment, and the new standard(s) that would need to be developed, if any.

CEN, CENELEC and ETSI are requested to communicate to the Commission after 7 months from the acceptance of this mandate an interim report on the progress of the tasks set out in this mandate, indicating any eventual difficulties encountered and communicating details of any Standard(s) that has been taken into consideration and modified to answer to the needs of the Mandate.

CEN, CENELEC and ETSI are requested to provide, in the three working languages of the ESOs, a copy of the standard(s) developed under this mandate within **12 months** of the acceptance of the mandate.

CEN, CENELEC and ETSI are requested to forward the titles of the standard(s) developed or adapted under this mandate in all the official languages of the European Union.

CEN, CENELEC and ETSI are requested to draw up the work plan and execute the above mentioned tasks in close cooperation in order to ensure consistency and avoid overlapping standards.

Wherever possible the tasks should be executed within the framework of the Vienna and Dresden Agreements with a view to duly take into consideration the activities already done or in process at international level.

CEN, CENELEC and ETSI are requested to indicate the relationship between the clauses of the standard(s) and the essential requirements covered.

Acceptance by CEN, CENELEC and ETSI, as applicable, of this mandate starts the standstill period referred to in Article 7 of the Directive 98/34/EC of 22 June 1998 (of N° L 204/37 of 21 July 1998).

4. BODIES TO BE ASSOCIATED

As appropriate, CEN, CENELEC and ETSI will invite the representative organisations of consumers' interests (ANEC), environmental protection (ECOS), workers (ETUI-REHS) and small and medium-size enterprises (NORMAPME) to take part in the standardisation work.