



EUROPEAN COMMISSION
ENTERPRISE DIRECTORATE-GENERAL

Conformity and standardisation, new approach, industries under new approach
Construction

SCC 04/670

Brussels, 14 September 2004
G5/PB D(2003)

AMENDMENT TO :

MANDATE TO CEN/CENELEC
CONCERNING THE EXECUTION OF STANDARDISATION WORK
FOR HARMONISED STANDARDS ON

**M 129 “Space heating appliance and energy capturing
appliances”**

Explanatory note

When the Commission Services issued the mandate M129, the following intended uses were included in the mandate to define the products covered: 16/33 Waterheaters, 19/33 Supply of hot and cold water, 23/33 Space heating, cooling and air conditioning.

“Energy capturing appliances”, including thermal solar systems and components (solar collectors), are concerned by these intended uses, and can be considered falling within the scope of the mandate. But the Annex of the mandate does not explicitly mention these products, and, consequently, CEN in its answer to the mandate has not mentioned to develop standards concerning these products.

However, due to the recent development of national policies encouraging the use of renewable energy, these products are increasingly widely used and are now in wide circulation within the Union. But, lacking harmonised European standards, they risk to encounter barriers to trade (a complaint is being investigated by the Commission).

Therefore, it would be useful to adjust the content of the standards under development in CEN/TC 312 on these products, to give them the status of harmonised standards, with the aim to harmonise the technical specification and to take benefits of the CE marking for the free circulation of these products.

This amendment modifies the original mandate in the following manner:

In Annexes 1, 2 and 3, it should be explicitly indicated that the mandate also covers a third family called “energy capturing appliances”

This amendment does not need to change the decision concerning Attestation of Conformity Level.

AMENDMENT to the mandate M129 “Space heating appliance”

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Amendment to the Annex 1

In the table of Annex I, add a third sub-family (as indicated in *italic*).

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Components	Metals (e.g. steel, aluminium, copper cast-iron), plastics	Space heating appliances without internal energy source¹ (e.g. radiators, convectors, fan convectors including fan coil units, skirting heaters, ceiling mounted panels and other static heat emitters, wall and floor heating kits)
Components	E.g. metals, glass, natural stones, ceramics, thermal insulation, mortar, bricks, vermiculite, refractories, (plastics and wood*)	Space heating appliances burning solid and liquid fuels² (e.g. flued oil stoves, residential cookers, roomheaters, fireplace stoves, heating inserts, sauna stoves)
<i>Components</i>	<i>E.g. metals, glass, ceramics, plastics,</i>	<i>Energy capturing appliances, such as thermal solar systems and components, including solar collectors</i>

¹ Electrical space heating appliances are covered by the directive (73/23/EEC), and therefore not included in this mandate

* Materials that could be used for operating components.

² Appliances burning gaseous fuels are covered by the directive 90/396/EEC, and therefore not included in this mandate. Efficiency requirements for new hot-water boilers fired with liquid or gaseous fuels are covered by the directive 92/42/EEC, and therefore these requirements are not included in this mandate. Appliances specifically designed for use in industrial processes carried out on industrial premises are excluded from this mandate. Electrically operated appliances are excluded from this mandate.

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Amendment to the Annex 2

Addition of the following subfamily

Subfamily

3) Energy Capturing Appliance

Thermal solar systems and components, including solar collectors

Characteristics to be covered by the harmonised standard will be :

E R	PERFORMANCE CHARACTERISTICS	DURABILITY
1	Mechanical resistance to climatic loads (wind, snow, ...)	<p align="center">Y</p> <p align="center"><i>(Against, ... , as relevant)</i></p>
2	Fire safety (<i>e.g. initiation, reaction to fire, risk to adjacent elements, ... , as relevant</i>)	
3	Release of dangerous substances*	
4	Surface temperature (<i>except surfaces or parts which are associated with the transmission of heat</i>) Electrical safety** Cleanability Maximum operating pressure	
5	Sound level	
6	Thermal output Energy efficiency*** Thermal storage capacity (<i>thermal inertia</i>)	

* In particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

** Covered by Low Voltage Directive (73/23/EEC)

*** Only when this is not already covered by directive 92/42/EEC

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The table of Annex 3 is modified as follows: (as indicated in *italic*)

Product	Intended use(s)	Level(s) or class(es)	Attestation of conformity system(s)
Space heating appliances without internal energy source Space heating appliances burning solid and liquid fuels <i>Energy capturing appliances</i>	in buildings	-	3
System 3: See CPD Annex III.2.(ii), Second possibility			
