



Brussels, 16<sup>th</sup> March 2005  
**M/ 368 EN**

## **AMENDMENT TO :**

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

**M 110 “SANITARY APPLIANCES”**

### **The need to amend this mandate:**

In Mandate M110 “Sanitary appliances”, the list of materials in Annex 1 does not include, for the sub-family “Communal washing troughs”, the material **aluminium** in the group of metals. Consequently these products, although existing in the European market do not have to be covered by hENs and carry the CE marking. This lack was commonly considered by the relevant CEN/TC 163 and the Commission Services that could potentially result in an exclusion of the products from the market and cause the partial loss of some manufacturer’s daily business

For the sub-families “Bidets” and “(Wash) Basins” the list of characteristics in Annex 2 does not include the “**CAPACITY TO OVERFLOW**” under Essential Requirement (ER) 4, as it was declared that exists to the German regulations and was also requested by the relevant CEN/TC 163 to be added.

Therefore, in Annex 1 of the mandate, the material **aluminium**, and in Annex 2 the characteristic “**CAPACITY TO OVERFLOW**”, need to be added and, consequently, the corresponding harmonised standards on the relevant products to be completed accordingly.

The corresponding original Commission Decision 96/578/EC, as it was amended by the Com.Dec.2002/592/EC, does not need to be amended due to the above addendums to this mandate.

**This amendment modifies the original annexes of the mandate in the following manner:**

In Annex 1 - second column of **materials**, in the list of metals:

“aluminium” will be added in the brackets.

Consequently the draft standard prEN 14296 will be completed. This amendment does not need to change the decision concerning Attestation of Conformity Level.

In Annex 2 - first table:

for ER 4, “CAPACITY TO OVERFLOW (for bidets and basins)” will be added.

- COMPREHENSIVE TABLE OF CHARACTERISTICS:

for ER 4; below “LOAD RESISTANCE”, this item will be added as well.

Consequently the draft standards prEN 14528 and prEN 14688 will be completed respectively. This amendment does not need to change the decision concerning Attestation of Conformity Level.

**The ANNEX highlights the proposed changes to the above annexes of the mandate (changes are underlined).**

## ANNEX 1

<b>SANITARY APPLIANCES</b>
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## FIELD OF APPLICATION

LIST OF PRODUCTS TO BE INCLUDED IN THE MANDATE

TO BE USED IN: 32/33 SANITARY AND CLEANING FIXTURES

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Components	<p><b>precast concrete</b></p> <p><b>ceramics:</b> [e.g. vitrous china (porcelain), grés or sandstone, glazed fire clay ]</p> <p><b>metals:</b> [e.g. stainless steel, enamelled steel, cast iron , <u>aluminium</u>]</p> <p><b>plastics /rubber &amp; resins:</b> [e.g. plastics, resin composites]</p>	<p>Sinks</p> <p>Basins</p> <p>Communal washing troughs</p> <p>Baths</p> <p>Shower units / trays</p> <p>Whirlpool baths</p> <p>Bidets</p> <p>Urinals</p> <p>Water Closet bowls or pans (without or with attached flushing cistern)</p> <p>Fixed earth, chemical and composting closets</p> <p>Macerating toilets</p> <p>Squatting toilets</p> <p>Flushing cisterns</p> <p>Modular Public toilets (sanisettes)</p> <p>Prefabricated toilet pods</p> <p>Preformed toilet modules</p>
Glazing panels	<p><b>plastics</b></p> <p><b>glass</b></p>	<p>Shower and bath screens and enclosures</p>

*(continued)*

ANNEX 2

**SANITARY APPLIANCES**

TECHNICAL TERMS OF REFERENCE

TO BE USED IN: 32/33 SANITARY AND CLEANING FIXTURES

**Family**

**SANITARY APPLIANCES** (not including sanitary tapware nor waste outlet fittings)

**Family and subfamilies**

**1 SINKS, BASINS AND COMMUNAL WASHING TROUGHS**

A bowl (or a group of bowls) with waste hole(s) and, if applicable, tap hole(s) and overflow(s), with or without draining areas, standing alone (free standing (pedestal) or wall mounted), which may be integrated with or assembled with a worktop. They are intended for:

- preparation of food, the washing of dishes and the discharge of domestic waste water (*kitchen sink*)
- personal hygiene (*basins and communal washing troughs*)

**2 BATH TUBS AND SHOWER TRAYS**

A bowl of adequate dimensions so as to allow a person to get into it, provided with or without overflow (*bath tubs*) and a water outlet. They are intended for personal hygiene either by submerging into the water it may contain (*bath tubs*) or by standing on it (*shower trays*)

**3 BIDEETS**

A bowl of adequate size and form, provided with water disposal outlet, intended for personal hygiene. It can be self standing (pedestal) or wall mounted.

ER	PERFORMANCE CHARACTERISTIC	Durability
1		Y Against abrasion, chemicals, thermal shock,...as relevant
2		
3	. CLEANABILITY (including selfcleaning where relevant)	
4	. LOAD RESISTANCE (for wall mounted appliances) . SLIPPERINESS (for bath tubs and shower trays) . CAPACITY TO OVERFLOW (for bidets and basins)	
5		
6		

Characteristics to be covered by the harmonised standard will be:

**COMPREHENSIVE TABLE OF CHARACTERISTICS  
SANITARY APPLIANCES**

ER	Performance characteristics	Sanitary appliances														Durability	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14		
1	. STRUCTURAL STABILITY (container in modular public toilets)													Y		Y	
2	. REACTION TO FIRE (of wall finishes in modular public toilets and toilet pods, when relevant)													Y		Y	
3	. WATER TIGHTNESS (of cisterns)				(Y)	(Y)			(Y)	Y				(Y)	(Y)	(Y)	
	. CAPACITY OF FLUSHING WATER (of cisterns)				(Y)	(Y)			(Y)	Y				(Y)	(Y)	(Y)	
	. VALVE RELIABILITY (of cisterns)				(Y)	(Y)			(Y)	Y				(Y)	(Y)	(Y)	
	. SLIPPERINES (of bath tubs and shower trays)		Y								Y					Y	
	. WATER SEAL (of water closet bowls)					Y								Y	Y	Y	Y
	. HYDRAULIC PERFORMANCE (for macerating toilets)							Y									
	. CLEANABILITY (including selfcleaning where relevant)	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	

(continued)

4	. LOAD RESISTANCE (for wall hung elements)	Y		Y		Y	Y	Y					Y	Y	Y
	<u>CAPACITY TO OVERFLOW</u> (of bidets and basins)	Y		Y											
	. IMPACT RESISTANCE/ SHATTER PROPERTIES (of glazing)												Y		Y
	. SAFETY AGAINST HAIR ENTRAPMENT											Y			
5	. NOISE LEVEL				(Y)	(Y)	Y	Y	(Y)	Y	Y		(Y)	(Y)	(Y)
	. AIRBORNE SOUND INSULATION (for walls in toilet pods, when relevant)														Y
6	. THERMAL RESISTANCE (for walls intoilet pods, when relevant)														Y
	. WATER VAPOUR PERMEABILITY (for walls in toilet pods, when relevant)														Y

NOTE .- (Y) In case of appliances with integrated flushing cistern