

Food hygiene - Production and dispense of hot beverages from hot beverage appliances - Hygiene requirements, migration test

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

|   |  |
|---|--|
| See Eesti standard EVS-EN 16889:2016 sisaldab Euroopa standardi EN 16889:2016 ingliskeelset teksti.                 | This Estonian standard EVS-EN 16889:2016 consists of the English text of the European standard EN 16889:2016.                      |
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English Version

**Food hygiene - Production and dispense of hot beverages  
from hot beverage appliances - Hygiene requirements,  
migration test**

Hygiène alimentaire - Production et distribution de  
boissons chaudes par des appareils de préparation de  
boissons chaudes - Exigences sanitaires, essai de  
migration

Lebensmittelhygiene - Herstellung und Abgabe von  
Heißgetränken aus Heißgetränkebereitern -  
Hygieneanforderungen, Migrationsprüfung

This European Standard was approved by CEN on 11 March 2016.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## European foreword

This document (EN 16889:2016) has been prepared by Technical Committee CEN/TC C01 “Food Products”, the secretariat of which is held by CCMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2016 and conflicting national standards shall be withdrawn at the latest by November 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document is the result of the merging of DIN 10531:2011 and UNI 11460:2012.

DIN 10531 has been prepared by Working Committee NA 057-02-01 AA “Lebensmittelhygiene” (“Food hygiene”), Working Group “Getränkebereiter” (“Beverage appliances”) of the Food and Agricultural Products Standards Committee (NAL).

UNI 11460 has been prepared by the Technical Committee Assofootec/Ucimac and it has been discussed and amended by UNI Commission “Alimenti e bevande” in which there are members of “Istituto Superiore di Sanità” and “Ministero della Salute”.

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## 1 Scope

This European Standard specifies hygiene requirements which establish prerequisites for production of hot beverages, such as coffee and coffee specialities, tea, cocoa and dairy beverages from hot beverage appliances for commercial and household use in conformity with the food hygiene regulations and for placing on the market. Appliances for self-service are within the scope of this standard.

For this purpose, this standard specifies general hygienic requirements for the construction, material and operation of the appliances concerned. It contains, in particular, requirements for hygienic and professional operation, for cleaning, disinfection and descaling as well as requirements for a migration test.

This European Standard applies to appliances before their entering on the market (new machines) and it also gives an informative Annex for appliances already in use (see Annex A).

This European Standard does not deal with any requirements relevant to work safety. This European Standard deals neither with electrical safety nor with performance requirements. EN 60335-2-15 and EN 60335-2-75 have to be used for commercially used appliances. Methods for measuring the performance of electric household coffee makers are provided in EN 60661.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1672-2, *Food processing machinery - Basic concepts - Part 2: Hygiene requirements*

EN 60335-2-15, *Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids*

EN 60335-2-75:2004, *Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines (IEC 60335-2-75:2002, modified)*<sup>1)</sup>

EN ISO 12100, *Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100)*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN ISO 12100 and the following apply.

### 3.1

#### **hot beverage appliance**

device for the preparation of hot beverages

### 3.2

#### **hot beverage**

ready to drink, prepared foodstuff to be consumed as soon as possible, if necessary after heat retention

Note 1 to entry: The point of dispense is the beverage outlet of the device.

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1) This document is impacted by the amendments EN 60335-2-75:2004/A1:2005, EN 60335-2-75:2004/A2:2008, EN 60335-2-75:2004/A11:2006, and EN 60335-2-75:2004/A12:2010.