

# INTERNATIONAL STANDARD

# IEC 60335-2-6

1997

AMENDMENT 1  
2000-02

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Amendment 1

**Safety of household and similar  
electrical appliances –**

**Part 2-6:  
Particular requirements for stationary cooking  
ranges, hobs, ovens and similar appliances**

*Amendement 1*

*Sécurité des appareils électrodomestiques  
et analogues –*

*Partie 2-6:  
Règles particulières pour les cuisinières, les tables de cuisson,  
les fours et appareils fixes analogues*

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

**D**

*For price, see current catalogue*

## FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this amendment is based on the following documents:

FDIS	Report on voting
61/1750/FDIS	61/1775/RVD


Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

A bilingual version of this amendment may be issued at a later date.

## 7 Marking and instructions

Add the following new subclauses:

### 7.6 Addition:

 ..... on/off (push-push)

### 7.10 Addition:

The **off position** of **touch controls** for hobs shall be marked by the symbol O and the on position by the symbol I. If there is no **touch control** for the **hob**, this requirement applies to the **touch controls** for each **hob element**.

NOTE If the same **touch control** is used for switching on and off, symbol 5010 of IEC 60417-1 may be used.

### 7.12 Add the following new sentence:

The instructions for cooking ranges, hobs and ovens shall state that a steam cleaner is not to be used.

## 11 Heating

### 11.1 Replace the existing text by the following:

Addition:

Compliance is also checked by the tests of 11.101 and 11.102.

### 11.7.7 Replace the existing text by the following:

*If the appliance incorporates a socket-outlet, an appropriate plug listed in IEC 60083 is engaged. The plug is connected to a 1 kW resistive load by means of an ordinary polyvinyl chloride sheathed flexible cord (code designation 60337 IEC 53) having a cross-sectional area of 0,75 mm<sup>2</sup>. The temperature rise of the plug is determined during the last 30 min of the test.*

### 11.8 Replace the last paragraph by the following:

*The temperature rise of the plug, measured 2 mm below the surface at the centre of the engagement face, shall not exceed 45 K.*

*Delete notes 1 and 2.*

## 15 Moisture resistance

### 15.2 Add the following new text:

*For **hobs** having ventilating openings in the **hob surface**, 0,2 l of the saline solution is poured steadily through a funnel onto the ventilating openings. The funnel, which has an outlet diameter of 8 mm, is positioned vertically with the outlet 200 mm above the **hob surface**. The funnel is positioned above the ventilating openings so that the solution enters the appliance in the most unfavourable way.*

NOTE 2 For protected openings, the funnel is positioned so that the solution falls on the **hob surface** as close as possible to the opening.

NOTE 3 Care is to be taken to ensure that the saline solution is not poured over controls located close to ventilating openings.

## 19 Abnormal operation

### 19.2 Add the following new text:

*Doors of separate grill compartments incorporated in a range are open or closed, whichever is more unfavourable.*

*Add the following new subclause:*

#### 19.11.2 Addition:

*During the simulation of the fault conditions, it shall be possible to switch off any energized **hob element**.*

*The fault conditions are also simulated with all **hob elements** switched off, the appliance being supplied at **rated voltage**. If a **pan detector** is incorporated, a suitable vessel is placed on the **cooking zone**.*

*The **hob elements** shall not become energized.*