

# INTERNATIONAL STANDARD

IEC  
60335-2-79

1995

AMENDMENT 1  
2000-07

Amendment 1

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

**Part 2-79:  
Particular requirements for high pressure  
cleaners and steam cleaners, for industrial  
and commercial use**

Amendement 1

*Securité des appareils électrodomestiques et analogues –*

*Partie 2-79:  
Règles particulières pour les appareils de nettoyage  
à haute pression et les appareils de nettoyage à vapeur,  
à usage industriel et commercial*

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Международная Электротехническая Комиссия

PRICE CODE

D

*For price, see current catalogue*

## FOREWORD

This amendment has been prepared by subcommittee 61J: Electrical motor-operated cleaning appliances for industrial use, of 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
61J/112/FDIS	61J/117/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.

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### 2 Definitions

*Add, on page 11, the following definition:*

**2.115**

**water jetter**

high-pressure pipe-cleaning device, consisting of a nozzle at the end of a high-pressure hose

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**7.12.1** *Addition:*

*Insert, on page 19, the following new text at the end of the subclause:*

Instructions for use for water jetters (if applicable) shall be given, such as "Insert hose to red mark before turning on the appliance".

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*Insert the following text:*

**8.1.4 Add after the last paragraph:**

Isolated battery systems of 18 to 24 cells of either acid or alkaline electrochemistry, including gel batteries, shall be regarded as **Class III** provided that

- the maximum voltage per cell on charge does not exceed 2,7 V;
- there are no **earthing parts** (see clause 27);
- conductive parts cannot fall on to and thereby bridge **live parts** of opposite polarity (see clause 22).

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**22.103 Replace the text of this subclause by the following new text.**

The appliance or trigger gun shall be provided with a device for stopping the liquid flow to the nozzle. For hand-held washing devices, steam cleaners and trigger guns this device shall operate automatically without hydraulic pressure when its operating means is not actuated by the user.

The operating means of hand-held washing devices, steam cleaners and trigger guns shall have a device by means of which they can be locked when the device is in the non-operating condition.

Hand-held washing devices, steam cleaners and trigger guns shall not have any locking means in the operating condition.

The operating means shall be positioned so that there is no risk of inadvertent actuation when put down on a flat surface.

Water jetters shall not be operated by a valve lever that projects out from the apparatus in the off position in such a way that accidental contact would cause inadvertent actuation.

*Compliance is checked by inspection and test.*

NOTE Drainage of water from the nozzle is permissible during the test of the first requirement.

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**22.105 Add, at the end of this subclause, the following text:**

Water jetters shall have a clearly visible red marking around the high-pressure hose at a distance of 50 cm from the rigid part of the nozzle.

*Compliance is checked by inspection.*

**22.106** Add, at the end of the first sentence, the following text:

"...when used in accordance with the manufacturer's instructions."

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**25.7** Replace the last sentence by the following:

Ordinary tough rubber-sheathed flexible cord shall not be used for this type of appliance due to attack by **cleaning agents**, hence PVC or polychloroprene-sheathed flexible cords are acceptable for use at temperatures at or above 0 °C. Only polychloroprene-sheathed flexible cords are allowed for use at temperatures below 0 °C. For industrial and commercial use, heavy polychloroprene-sheathed flexible cord (code designation 60245 IEC 66 or higher specification) is required.

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