

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**IEC 60335-2-2**  
Edition 6.0 2009-12

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –**

**Part 2-2: Particular requirements for vacuum cleaners  
and water-suction cleaning appliances**

**INTERPRETATION SHEET 1**

This interpretation sheet has been prepared by technical committee 61: Safety of household and similar electrical appliances

The text of this interpretation sheet is based on the following documents:

ISH	Report on voting
61/5297/ISH	61/5311/RVD

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

**TC 61 interpretation sheet on: Robotic vacuum cleaners supplied with a rechargeable battery that is not recharged in the appliance.**

**Introduction**

There are robotic vacuum cleaners that are supplied with a rechargeable battery that is not recharged in the appliance. A docking station may not be supplied but if it is, it does not provide automatic battery charging facilities. The battery must be removed from the robotic vacuum cleaner for recharging.

Amendment 1 to IEC 60335-1 published in December 2013 changed the title of Annex B from “**Appliances powered by rechargeable batteries**” to “**Appliances powered by rechargeable batteries that are recharged in the appliance**” and introduced a new annex “**Battery-operated appliances powered by batteries that are non-rechargeable or not recharged in the appliance**”

Amendment 1 to IEC 60335-2-2 is now out of step with IEC 60335-1 ed 5.1. It is stated in the Foreword of IEC 60335-2-2 Ed 6 and Ed 6.1 “This Part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments”

This situation has caused uncertainty on how to test robotic vacuum cleaners supplied with a rechargeable battery that is not recharged in the appliance.

**Questions:**

- 1) Should these appliance be tested in accordance with IEC 60335-2-2 and Annex S to IEC 60335-1 Ed 5.1
- 2) Should any on the modification to Annex B of IEC 60335-1 included in IEC 60335-2-2 Ed 6 and Ed 6.1 be taken into account.

**ANSWERS**

- 1) Yes. Annex S of IEC 60335-1 Ed 5.1 is applicable for these appliances
- 2) The following modifications to Annex B of IEC 60335-1 included in IEC 60335-2-2 Ed 6 and Ed 6.1 should be taken into account: Modification to Clauses 19, 21, 22, 24 and 30

Withdrawing