



TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 60335-2-2, 6th Edition (2009) - A1/2012 - A2/2016

Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

- “R” Required
- “S” May be subcontracted, see OD 2012
- “SF” Specialized Facility, see IECEE 02-2
- “W” Witness testing in the categories “MED” and “MEAS”
- “3PPS” Three Phase Power Supply required

| Clause | Measurement/testing | Testing / measuring equipment / material needed | Subcontracting |
|---------|--|--|-----------------------|
| 11 | Heating | Carpet as defined in IEC 60312 for automatic battery-powered cleaners | R |
| 15 | Moisture resistance | Solution of 28 % by mass of dodecyl sodium sulphate (C ₁₂ H ₂₅ NaSO ₄) Hammer (Impact test - 2J) Free-fall test apparatus | R R R |
| 19 | Abnormal operation | Trough A4 copy paper(70 g/m ² to 120 g/m ² ISO 216) | R R |
| 21 | Mechanical strength | Crushing test apparatus of current-carrying hoses Abrasion test apparatus of current-carrying hoses Flexing test apparatus of current-carrying hoses Torsion test apparatus of current-carrying hoses Cold cabinet (-15 °C ± 2 °C) for testing of current-carrying hoses | S S S S S |
| Annex B | Appliances powered by rechargeable batteries | Evenly distributed load of 60 kg Glass surface inclined at 10° | R R |