



TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 60335-2-17, 3rd Edition (2012) - A1/2015

Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances

PROVISIONAL

- “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	<i>Sheets of thermal insulation as specified in Annex AA</i> <i>Plywood base 20 mm thick</i> <i>Thermocouples attached to the centre of brass or copper plates measuring 65 mm × 65 mm × 0,5 mm</i> <i>Thermocouples attached to the centre of copper or brass plates having dimensions 300 mm × 300 mm × 0,5 mm</i>	<i>R</i> <i>R</i> <i>R</i> <i>R</i>
13	Leakage current and electric strength at operating temperature	<i>Sheet of metal foil, approximately 0,1 mm thick</i> <i>Uniformly distributed load</i>	<i>R</i> <i>R</i>
19	Abnormal operation	<i>Sheet of thermal insulation (300 mm × 450 mm × 72 mm)</i>	<i>R</i>

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
21	Mechanical strength	<p>Rigidly mounted steel plate (thickness of at least 15 mm, mass of at least 15 kg)</p> <p>Hardwood floor</p> <p>Apparatus described in Annex BB</p> <p>Horizontal roller having a diameter of 25 mm</p> <p>Roller similar to the drum specified in Annex BB (mass of 61,5 kg, length of 1 m)</p> <p>Tumbling barrel as shown in Figure 107</p> <p>Clamps</p> <p>Test apparatus shown in Figure 108</p> <p>Tensile machine</p> <p>Water pressure test apparatus</p> <p>Equipment shown in Figure 110</p> <p>Block (100 mm × 300 mm and mass of 80 kg with rounded edges)</p> <p>Test apparatus for insulation flexible parts incorporating electro-conductive textile</p>	<p>R</p> <p>R</p> <p>S</p> <p>S</p> <p>S</p> <p>S</p> <p>R</p> <p>S</p> <p>S</p> <p>S</p> <p>S</p> <p>R</p> <p>S</p>
22	Construction	<p>Wooden board (1 m × 1 m and thickness 20 mm)</p> <p>Heat source as specified in Annex AA</p>	<p>R</p> <p>R</p>
30	Resistance to heat and fire	<p>Apparatus for pressure test of 24.1.3 of IEC 60320-1</p> <p>Test equipment as shown in Figure 112</p> <p>Supply having a sinusoidal output voltage of 10 kV</p> <p>Grids inclined at 45 °</p> <p>Three-sided metal screen (900 mm high, 450 mm wide and 300 mm deep)</p>	<p>S</p> <p>S</p> <p>S</p> <p>R</p> <p>R</p>