



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**  
**IEC 60335-2-30, 5th Edition (2009)**

**Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters**

- “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	<i>Heating</i>	<i>Shelf having a depth of 200 mm</i>	R
		<i>Thermal insulating material (3,2 m<sup>2</sup>K/W thermal insulation coefficient)</i>	R
		<i>Felt pad (20 mm thick)</i>	R
		<i>Small blackened disk of copper or brass (15 mm Ø, 1 mm thick)</i>	R
		<i>Rod (diameter 75 mm, hemispherical end)</i>	R
15	<i>Moisture resistance</i>	<i>Rinsing agent as specified in Annex AA of IEC 60335-2-5</i>	R
19	<i>Abnormal operation</i>	<i>Felt strips (100 mm width, Mass of 4 kg/m<sup>2</sup> ± 0,4 kg/m<sup>2</sup>)</i>	R
		<i>Textile material (cotton sheet, Mass 140 g/m<sup>2</sup> - 175 g/m<sup>2</sup>)</i>	R
		<i>Paper (72 g/m<sup>2</sup> - burst index of 3,7 kPa m<sup>2</sup>/g)</i>	R
		<i>Bleached cotton flannelette (100 mm width, Mass 130 g/m<sup>2</sup> - 165 g/m<sup>2</sup>)</i>	R
		<i>Cotton gauze (specific mass of approximately 40 g/m<sup>2</sup>)</i>	R
21	<i>Mechanical strength</i>	<i>Spring hammer ( 2,00 J)</i>	R
		<i>5 Kg mass (flat base with a diameter of 100 mm)</i>	R
22	<i>Construction</i>	<i>Pressure test apparatus</i>	R
		<i>5 mm diameter tube</i>	R