



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**  
**IEC 60320-2-4:2005-10+A1:2009-10, Edition 1.0**  
**Appliance couplers for household and similar general purposes –**  
**Part 2-4: Couplers dependent on appliance weight for engagement**

**R = Required to be at Lab**  
**S = May be subcontracted**  
**W = May be witnessed at MTL**  
**SF = Specialized Facility**  
**3PPS = Three Phase Power Supply required**

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
10	Protection against electric shock	Test probe 13 of IEC 61032	<b>R</b>
14.2	Moisture resistance – water spillage test	Humidity chamber, apparatus as in Annex CC, Saline solution	<b>R</b>
16	Forces necessary to insert and withdraw the connector	Weights, heating cabinet, measuring instrument (temperature)	<b>R</b>
19 20	Breaking capacity Normal operation	Appropriate test apparatus for making and breaking test, Test probe 13 of IEC 61032	<b>R</b>
25.101	Screws, current-carrying parts and connections	AC or DC current source, measuring instruments (voltage, current)	<b>R</b>
26	Creepage distances, clearances and distances through insulation	Impulse voltage equipment, Test probe B of IEC 61032, heating cabinet, appropriate test equipment for scratching test, Figure 7 of IEC 60335-1: test fingernail	<b>R</b>
27.1	Glow-wire test Needle-flame test	Glow-wire test apparatus according to IEC 60695-2-10 Needle flame test apparatus according to annex BB and IEC 60695-11-5	<b>R</b>

Note: Equipment in addition to IEC 60320-1:2001-06+A1:2007-08, Edition 2.0