



## TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING

### IEC 60670-24:2005-02, Edition 1

#### Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 24: Particular requirements for enclosures for housing protective devices and similar power consuming devices

R=Required by Lab

S=May be subcontracted

3PPS=Three Phase Power Supply required

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
In general	-	Testing equipment according to IEC 60670-1:2002 is suitable for the purpose of this part, as applicable, with the addition given below	R
101	Verification of the maximum capability to dissipate power ( $P_{de}$ )	<ul style="list-style-type: none"><li>- Heating resistors (Figure 102)</li><li>- Concrete wall of thickness not less than 100 mm on each surface</li><li>- Plywood 20 mm thick painted black (alternative: material with a similar thermal conductivity)</li><li>- Meter</li><li>- Suitable supply source</li><li>- Temperature measuring instruments</li><li>- Wattmeter measuring devices</li></ul>	R

Note: The presence of equipment alone does not indicate a satisfactory situation. Assessors must evaluate the equipment design, calibration, uncertainty and documentation to ensure compliance with the directions of the standard. The requirements of ISO Guide 25 regarding validation are applicable, as the tests of this standard are not standardized tests.