



IEC 61047: ED. 2 (2004)
TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
D.c. or a.c. supplied electronic step-down convertors for filament lamps
Performance requirements

R=Required by Lab
S=May be subcontracted

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
7.1	Voltage	RMS – voltmeter e.g., variable supply	R
7.2	Voltage	RMS – voltmeter e.g., variable supply	R
7.4	Peak and RMS voltage	RMS – voltmeter; Digital Oscilloscope	R
7.5 (A2)	Inrush current	Digital oscilloscope, resistor	R
8	Power	Powermeter	R
9	Power factor	Powermeter	R
10	Mains current	Powermeter	R
10 (A3)	Audiometry impedance	Power meter / Frequency generator	R
13	Switch test	Switch unit , timer, conditioning cabinets (freezer / oven)	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 standardised tests.