



**IEC 61347-2-12:2005**

**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**

**Lamp controlgear - Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)**

R=Required by Lab

S=May be subcontracted

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
15	Measurement of output voltage	Oscilloscope, voltmeter	R
16	Pulse voltage	Test circuit according to Figure 1 of IEC 61347-2-1, capacitor 20 pF, oscilloscope with high voltage probe or electrostatic voltmeter or spherical spark gap, voltmeter	R
17	Abnormal conditions	Resistors, diodes, variable resistor according to Figures 1 and 2, adjustable supply, voltmeter, ammeter	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.