



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
CISPR 15: 2013 / A1: 2015 Ed.8.1**

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

- “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
8	<i>Measurement of conducted disturbances on the mains</i>	<i>Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant) , AMN, RF Coaxial Cable, RGP</i>	R
		<i>High Pass Filter, Attenuator</i>	S
8.1.2	<i>Load terminal voltage measurement</i>	<i>Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), RF Coaxial Cable</i>	R
		<i>Voltage probe</i>	S
8.1.3	<i>Control terminal voltage measurement</i>	<i>Measuring Receiver, RF Coaxial Cable, RGP</i>	R
		<i>Asymmetric Artificial Network</i>	S



**IEC SYSTEM FOR CONFIRMITY TESTING AND CERTIFICATION
OF ELECTROTECHNICAL EQUIPMENT AND COMPONENTS**

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
7	<i>Measurement of insertion loss</i>	<i>Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant); signal generator, symmetric/asymmetric transformer, dummy lamps</i>	SF
9	<i>Measurement of Radiated disturbances</i>	<i>Biconical Antenna and Logperiodic antenna or Bilog antenna, Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), Semi- anechoic chamber or Anechoic chamber or Open area test site</i>	R
9.1	<i>Measurement of Radiated disturbances 9kHz to 30MHz</i>	<i>Loop Antenna, Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), RF Coaxial Cable, a suitable test site</i>	R
Annex B	<i>Independent method of measurement of radiated disturbances</i>	<i>Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 ed. 3.2 compliant), attenuator, suitable shielded test chamber, CDN M2 or M3 and AF2 calibrated up to 300 MHz, 6dB (50 Ohm) attenuator; groundplane</i>	S