



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING  
CISPR 14-1: 2005 + A1: 2008 + A2: 2011 Edition 5.2  
Electromagnetic compatibility**

**Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission**

- “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
4.1.1	Measurement of conducted disturbances on the mains	Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), AMN, RF Coaxial Cable, RGP	R
		High Pass Filter, Attenuator	S
4.1.1	Measurement of conducted disturbances on the output power lines	Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), Voltage probe, RF Coaxial Cable	R
4.2	Measurement of Discontinuous disturbance (terminal voltage)	AMN, RF Coaxial Cable, Clickmeter Receiver 150kHz Receiver 500kHz Receiver 1,4 MHz Receiver 30 MHz Oscilloscope	SF

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
		<i>High Pass Filter, Attenuator</i>	<i>S</i>
<i>4.1.2</i>	<i>Measurement of disturbance power</i>	<i>Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), Absorbing Clamp, RF Coaxial Cable, a suitable test site</i>	<i>SF</i>
<i>4.1.3</i>	<i>Measurement of Radiated disturbances</i>	<i>LPDA Antenna or Biconical Antenna and Logperiodic antenna or Bilog antenna, Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant)), RF Coaxial Cable, Semi-anechoic chamber or Open area test site or Full anechoic Room (FAR) or TEM cell</i>	<i>SF</i>
		<i>Attenuator, Filter, RF Amplifier</i>	<i>S</i>
<i>B.1.3</i>	<i>Measurement of Radiated disturbances 9 kHz-30MHz</i>	<i>Loop Antenna (diameter 2m), loop antenna Receiver or Spectrum analyzer + Preselector + QP adapter (CISPR 16-1-1 compliant), RF Coaxial Cable, a suitable test site (applicable for induction cooking appliances)</i>	<i>SF</i>